Transplantation
BigBangBarcelona

Final programme
A MUST-SEE SYMPOSIUM

Don’t miss this engaging presentation, enhanced with evidence-based cases of cytomegalovirus (CMV) infection and antibody-mediated rejection (AMR) in solid organ transplant (SOT) patients.

TUESDAY, 26 SEPTEMBER 2017

FACULTY

Nassim Kamar, MD, PhD (Chair)
Head of the Department of Nephrology and Organ Transplantation
Toulouse University Hospital
Toulouse, France (Europe)

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Clinical Director, Transplant and Immunocompromised Host Infectious Diseases
Infectious Diseases Division
Massachusetts General Hospital
Associate Professor
Harvard Medical School
Past Chair, Infectious Disease Community of Practice, American Society of Transplantation
Boston, Massachusetts (USA)

REGISTER ONLINE

http://programs.rmei.com/ESOT2017

EDUCATIONAL OBJECTIVES

After completing this activity, the participant should be better able to:

- Incorporate evidence-based treatment protocols and select appropriate therapeutic agents to prevent and treat AMR based on pathophysiology
- Outline the significant contribution of human leukocyte antigen (HLA) antibodies and complement deposition in transplant glomerulopathy (TG) and graft loss
- Describe the limitations of current CMV preventive and treatment strategies for SOT
- Integrate existing and future antivirals into the treatment of CMV infection and/or disease in SOT

PROGRAM AGENDA

16:30 – 17:00 Registration & Welcome Refreshments

17:00 – 17:05 Welcome and Introductions

17:05 – 17:30 AMR: Transplant Glomerulopathy and Emerging Therapies

17:30 – 17:55 CMV: Overcoming Therapeutic Limitations with Emerging Therapies

17:55 – 18:20 Interactive Panel Discussion

18:20 – 18:30 Audience Q&A and Discussion

DISCLOSURE OF CONFLICTS OF INTEREST

Postgraduate Institute for Medicine (PIM) requires instructors, planners, managers, and other individuals who are in a position to control the content of this activity to disclose any real or apparent conflict of interest (COI) they may have as related to the content of this activity. All identified COIs are thoroughly vetted and resolved according to PIM policy. The existence or absence of COI for everyone in a position to control content will be disclosed to participants prior to the start of each activity.

FEE INFORMATION

There is no fee for this educational activity.
Dear Colleagues, Dear Friends,
The 18th Congress of ESOT will take place in Barcelona, one of the most cosmopolitan and attractive cities of the South Europe and the Mediterranean area. The ESOT 2017 Congress will include most of the hot topics in modern transplant medicine like personalized medicine, big data in transplantation and challenges in innovation. Also relevant clinical and immunological topics on solid organ transplantation will be discussed. Finally, new technologies, and the race between repair or create new organs will be updated. All this exciting programme will be developed by the top experts coming worldwide.

Barcelona is the perfect host city; it interweaves tradition and avant-garde into a multi-layered identity, from the history-laden Gothic quarter to the 22@district, reaching out the future: from the masterpieces of local modernism to the statements of global architects; from Cuatre Gats, that guards culinary tradition, to chef Ferran Adrià’s cutting edge innovation lab; from the unique Catalan heritage to the diversity brought by multi-ethnicity; from the buzz of its markets to the vitality of its research centres and universities. Energy and passion are palpable anywhere: among those enamoured and inspired by the city are designers, artists, architects, entrepreneurs who have chosen it as a stage for their intricate creations or flocks of tourists marvelled by the city’s visual charms and romantic flair. Barcelona is a modern and sophisticated city with a very rich cultural life and has a broad offer of leisure opportunities to satisfy and delight delegates.

Both the Spanish and Catalan Transplantation Societies, together with the local scientific community, welcome you on board and look forward to seeing you in Barcelona!

Valentín Cuervas-Mons and Antonio Román
CONGRESS CHAIRS

Dear Colleagues, Dear Friends,
We would like to invite you to a new level of medical meetings in transplantation at the BigBangBarcelona conference. Transplantation has emerged from the decades of an early experimental procedure to an established first line therapy for organ failure. While mechanistic devices or fully artificial organs may be available in many decades from now, the fate of the patients suffering from organ failure today and in the next years, will depend on the progress we will achieve with transplantation.

The discrepancy between the high demand and the shortage in organs available remains a challenge. Amongst the many obstacles highlighted at the congress, progress in transplantation with organs from living donors but also advancements in normothermic perfusion and other seminal technologies will be addressed. Novel drugs, protocols for immunomodulation and tolerance but also surrogate endpoints for clinical trials in order to enhance the drug development remain critically important topics in the field. The BigBangBarcelona congress might help to refine our knowledge of basic science and clinical concepts to improve transplantation in a holistic approach.

At ESOT we have put a focus on the quality of the science but also the formats in which the content is delivered and the opportunity to network with your colleagues. The fully digital conference, the AllESOTApp, the Hybrid Meeting Concept are only few examples of how ESOT has modernized medical conferencing. In 2017, the technological enhancement of your conference experience will be nothing short of groundbreaking.

Barcelona was the venue of the ESOT congress in 1989 when ESOT was a young society that crystallized an emergent European transplant community with the eclosion of solid organ transplant programs after the introduction of cyclosporine. Today, Barcelona is a paradigm of a vibrant Mediterranean city, the home of Gaudí, the home of Las Ramblas and Lionel Messi’s right and left legs. Barcelona is home to modern art, home to spotless beaches, home to eternal nightlife, home to eminent romance and modern charm.

Come on and join us at BigBangBarcelona.

Josep Maria Grinyó and Stefan Schneeberger
SCIENTIFIC PROGRAMME COMMITTEE CHAIRS
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Accreditation
The 18th Congress of the European Society for Organ Transplantation – Transplantation BigBang Barcelona, Barcelona, Spain, 24/09/2017 - 27/09/2017 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 27 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

Each participant can only receive the number of credits he/she is entitled to according to his/her actual participation at the event once he/she has completed the evaluation form that will be available in the Congress app.

Please find below the breakdown of ECMEC®s per day:

- **Sunday** 24 September: 7
- **Monday** 25 September: 8
- **Tuesday** 26 September: 8
- **Wednesday** 27 September: 4

The EACME CME accreditation Certificate can be obtained (in pdf) by completing the evaluation questionnaire that will be available in the ESOT2017 Congress App.

Certificate of attendance
A Certificate of Attendance will be sent to all participants, by the Congress Secretariat, via e-mail after the meeting.

Presentation types

Full oral presentations (O)
Main topic areas presented in large halls, to acknowledge the high level of the contribution.

Presenters will have a total of 5 minutes for their presentation, followed by 2 minutes for discussion. Presented at Oral Session 01 to Oral Session 47 and the 2 Late Breaking Sessions.

Brief oral presentation (BO)
A revised version of the traditional poster discussion, to offer more prominence to the presentation. Presenters will have a total of 3 minutes for their presentation, followed by 1 minute for discussion. Presented at Brief Oral Session 01 to Brief Oral Session 45.

Elevator Pitch Presentations (EP)
New in ESOT! 1 slide for ‘the pitch’ to convince 2 judges in 1 minute that the presenter’s idea is worth while listening further. To outline an idea, explaining outcomes, features and benefits. A revised version of the traditional Brief Oral sessions, to offer more prominence to the presenter and his/her selling skills. If the Presenters will convince the judges they will be allowed 3 more minutes for their presentation, followed by 1 minute for discussion. 5 minutes total.

E-Poster
All posters will be available electronically in the ESOT 2017 Congress App. Further, ESOT is introducing a new way to present and listen to poster presentations. This is based on your individual preference, as you can book your own appointment with any poster author listed in the program. As a poster presenter you are invited to accept these requests sent via the Congress App. Appointments can be booked only during selected times of the day.

You will meet in the E-Posters & Rising Stars Lounge (located in the Exhibition hall) at your designated E-Poster Station for a five-minute screen-assisted presentation. Other attendees can join the conversation, as appointments are made public and visible in the App. E-Poster Appointments can be booked during these times:

- **Monday** 25 September: 11:10 - 12:40 / 16:00 - 18:00
- **Tuesday** 26 September: 11:10 - 12:40 / 16:00 - 19:30

E-Poster Moderated Session
Sunday 24 September, 17:45 - 18:45
You are invited to attend this session in the E-Posters & Rising Stars Lounge, located in the Exhibition Hall, ground floor (Level P0).

Rising Stars Networking Event
**Tuesday** 26 September, 19:30 - 20:15
YPT is the ESOT Committee for Young Professionals in Transplantation, representing all young transplant clinicians and scientists and focusing on career development, networking, international professional/training exchanges. The YPT Committee invites you to join this Event on Tuesday 26 September evening in the E-Posters & Rising Stars Lounge, located in the Exhibition Hall, ground floor (Level P0).
**Video Session**
An abstract-driven video session is presented, in BO23 on Monday 25 September at 17:05-18:05.

**BAC-Best Abstract Challenge**
10 outstanding contributions, selected by the ESOT2017 Scientific Programme Committee from all submitted abstracts based on the overall referees’ score, will be presented during the BAC Session on Monday 25 September from 11.10 to 12.40. The audience will vote to select 6 winners, to which these awards will be assigned.

**Publication and accessibility of abstracts**
All accepted abstracts are published in the ESOT 2017 Barcelona Congress Programme available online and on Transplant International, *The ESOT Journal, Volume 30*. There will not be a printed programme at the meeting: the full abstracts programme will be available on the ESOT 2017 Barcelona Congress App and in the congress website: esot2017.esot.org

**Guidelines for PowerPoint presentation**
PowerPoint is the only presentation tool available in all session halls. The Forum Auditorium and 2nd main Room 111+112, which hosts the main plenary sessions will have both Prezi and PowerPoint available.

**Presentations at ESOT 2017**
Speakers will not be able to use their personal computers to present slides at ESOT 2017. All PowerPoint presentations must be handed in advance at the Speakers Ready Room.

All presentations are loaded into a PowerPoint handling system that will store and distribute your presentation to the session hall in time for your session.

All PowerPoint presentations should be handed preferable the day before or at least 2-4 hours before the session starts on the session day. Please secure sufficient time to deliver your slides to the Speakers Ready Room. Keep in mind that mornings and lunch breaks are very busy, as many of your colleagues will be uploading slides as well.

**At the Speakers Ready Room**
The staff of the Speakers Ready Room will load your presentation into the system so that it will be available on the computer in your session hall when you come to speak.

Please preview your presentation carefully on the presentation computer assigned by the staff before the final sign off.

If you are making more than one speech during the Congress, you may upload all your presentations at the same time and they will be sent to their corresponding session halls at the time of your sessions.

**Speakers Ready Room: location and opening hours**
Speakers Ready Room is located in Room 131+132 on Level P1.
Opening hours:
- **Sunday** 24 September 08.00-19.30
- **Monday** 25 September 07.30-19.30
- **Tuesday** 26 September 07.30-19.30
- **Wednesday** 27 September 07.30-13.00

**Disclaimer**
These guidelines are intended to improve the effectiveness of the ‘Slide Centre-Solution’ and as a consequence should result in greater speakers comfort. In the Slide Centre-Solution, staff will be available to help speakers upload and finalise their presentation. Presenters should make sure all fonts appear as expected and all sound/video clips are working properly before they leave the Speakers Ready Room. Proper identification is required in order to submit a presentation and also to upload, preview and edit files in the Speakers Ready Room. Please check in with the Congress staff on arrival in the room. Kindly note that storage devices (USB Memory Sticks, CDs, DVDs, etc.) will not be returned if left behind, please ensure that devices are collected before the close of the Congress, after which they will be destroyed.

**Slide format**
The PowerPoint handling and distribution system is optimized for MS PowerPoint 2016 (Office 2016) and pdf (Adobe Acrobat) files. Note that the uploading of ‘DVD-Movies’ is not supported.

The supported data media are: CD, DVD (as data storage media) and USB memory stick. All necessary files, including the movie files, must be on the data media. Presentations can also be taken off speaker’s notebooks at the Speakers Ready Room.

Please only use Latin based fonts. If special fonts are needed, they should be stored as ‘embedded fonts’ within the presentation (File > Save As ‘name of presentation’ and under ‘Tools’ Save options mark the checkbox ‘embed True Type fonts’ and select ‘embed all characters’).

Presentations should be saved as .ppt, .pptx (=PowerPoint) or .pps, .ppsx (=PowerPoint Slideshow) – file and movies as separate files on the data media.

When using mathematical symbols please use those, which are available under Latin fonts (unicode or DOS: Western Europe). These can be shown without any problems in Office 2016.

The presentation computers and projectors will be set up and optimized for 16:9 aspect ratio-full HD (1920x1080) in all rooms.

As format for embedded movies, ’MP4 movies’ (H.264+AAC) are preferred (but may also be .avi, .wmv). Presentations on Prezi must be saved as a portable prezi file .exe or export as a .pez and can be run ONLY
in the Forum Auditorium and Room 111+112 (main rooms for Plenary, State of the Art and Big Bang sessions). For these specific rooms we will need the presentation or a preview version before the event to check that everything is running correctly for ‘Prezi’ presentations.

**Session Room setup**

In addition to the video and audio system, each session room is equipped with:

- Laptop and/or LCD monitor at the lectern/comfort monitor
- A mouse and/or keyboard
- A laser pointer.

This applies to Rooms: 113, 114, 115, 116, 117, 118+119, 120+121, 122, 123, 124.

Rooms: 125, 127, 128 will not have a lectern, as in the classic ESOT Brief Orals style.

Auditorium and Room 111+112 will have special settings.

Speakers in Brief Oral Sessions, Elevator Pitch and E-Poster Moderated Sessions MUST NOT check in at the Speaker Preview Room, as their presentations have already been received. In case you have not submitted your presentation please contact the Help Desk / Poster Desk located at the E-Poster Lounge (in the Exhibition Hall located at the E-Posters & Rising Stars Lounge).

Special instructions are delivered to speakers and chairs presenting in the Auditorium and in 111+112.

Set up in the rooms dedicated to Brief Oral presentations is meant to facilitate interaction and fast running presentations. Most of these rooms will have no lectern; presentations are pre-loaded as submitted by the author/s.

Each session room will be staffed with an audio-visual (A/V) technician and a hostess, who will assist with the start of each presentation. Before the session begins, the A/V technician will confirm that all presentations are loaded and accounted for.

If the AV technician notices a missing presentation then he/she will contact the Speakers Ready Room for verification and notify the moderator if necessary. Once the presentation is launched, the presenter will control it from the podium using a computer mouse and/or a clicker.

**Use of ESOT scientific program content**

Please be aware that the information and materials displayed and/or presented at all sessions of this meeting are the property of ESOT (and/or the presenter) and cannot be photographed, copied, photocopied, transformed to electronic format, reproduced or distributed without the written permission of ESOT (and/or the presenter). Use of the ESOT name and/or logo in any fashion by any commercial entity for any purpose is expressly prohibited without the express written permission of ESOT.
Dates
The 18th Congress of the European Society for Organ Transplantation-ESOT will be held from Sunday 24 to Wednesday 27 September 2017 at the Centre de Convencions Internacional de Barcelona-CCIB.

Congress venue
CCIB - Centre de Convencions Internacional de Barcelona  
Pl. de Willy Brandt 11-14  
E-08019 Barcelona, Spain  
www.ccib.es

The CCIB is a unique space that came into being with the 2004 Forum of Cultures, with the goal of welcoming congresses, conventions, exhibitions and official events on the highest level from around the globe. Its innovative features, unmistakable architecture, cutting-edge technology and sustainable event management, combined with its superb location facing the Mediterranean, make the CCIB an outstanding venue.

The CCIB is located in Barcelona’s new seafront esplanade, Diagonal Mar, forming part of the hip new business and technological district named 22@. The CCIB maintains an on-going commitment with the environment.

Venue facilities

ATM: Many banks and ATM machines are located nearby the CCIB, especially in Josep Pla street as well as in Diagonal Mar Shopping Centre, just in front of the venue.

Cloakroom: A cloakroom facility is located in the foyer of the corridor to the Auditorium, where delegates can deposit their luggage and coat. Note that you will need to show your badge and your ID document.

Internet: Free WiFi for browsing is provided through the entire building to all the delegates and exhibitors. Network: ESOT2017 Password: esotcongress

Disabled access: All the levels of the CCIB are accessible for disabled persons.

ESOT2017 Congress:  
CCIB - use Access Door C

Hotels:  
1. SB Diagonal Zero Barcelona  
2. AC Hotel Barcelona Forum  
3. Barcelona Princess  
4. Hilton Diagonal Mar Barcelona

Car parks:  
1. Pl. Forum  
2. Garcia Faria  
3. C.C. Diagonal Mar
Getting there
The CCIB, venue of the ESOT 2017 Congress, is well connected by public transport to all city areas and has taxi ranks and parking places nearby. It also has easy and quick access from the city centre. The nearest public transportation stops are:
• Metro: Line L4-Yellow, El Maresme-Forum station.
• Tram: Line T4, Forum stop.
• Bus: Routes H16 and 7.

All these means of transport will leave you just a few minutes walk away from the CCIB.

Airport
The Barcelona International Airport is located 12km south-west of Barcelona and 20km from the congress venue, CCIB. There are two airport terminals: Terminal T1 is the main terminal, whilst the second, Terminal T2, serves mainly low-cost carriers. The C-31 is the main road directly connecting the airport with the city. The approximate journey time from airport to city centre is 20/25 minutes and to the venue is 30/35 minutes, depending on traffic.

Arrival from the airport
There is a variety of public transport options for going to or from the airport. However, they vary widely in convenience, efficiency and schedule, so plan your trip accordingly. In particular, if you have a very early or very late flight your options are more limited. From the airport, you can reach the city centre and the CCIB either by taxi or public transport (metro, bus, train).

By taxi: You can find taxi points in front of both terminals T1 and T2. The transfer by taxi from the airport to the CCIB takes approximately 30/35 minutes depending on traffic. The cost is between 30€ – 35€ depending on the time of day.

By train: The railway network line R2 Nord connects Terminal T2 with the city centre (there is a complimentary shuttle bus from Terminal T1 to Terminal T2). The train operates every 30 minutes, approximately from 6.00 to 23.00h. The travel time is 32 minutes to Passeig de Gràcia station. From there, you can go directly to the CCIB via the metro Line L4 Yellow (El Maresme-Forum station). A single ticket (4,10€) can be used for the entire trip.

By bus: The Aerobus (express bus service) connects Terminal T1 (Aerobus A1) and Terminal T2 (Aerobus A2) with the city centre (Plaça Catalunya) in approx. 35 minutes, 365 days a year, from approx. 5.00 to 24.00h. The Aerobus A1 operates every 5/10 min. and the Aerobus A2 every 10/20 min. From Plaça Catalunya, you can get directly to the CCIB with the metro Line L4 Yellow (El Maresme-Forum station). Aerobus tickets cost 5,90€ one way and 10,20€ round trip.

By metro: Metro Line L9 Sud connects Barcelona International Airport with the Barcelona metro network. The nearest station to the venue is El Maresme-Forum, Line L4 Yellow. A special ticket (4,50€) must be purchased to leave the airport and use the metro network. See Metro network opening hours on page 17.

Arrival from the city centre
By car: If you are driving to the CCIB from the city centre, the best way to cross the city is by driving down Avenue Diagonal until the end of the avenue. It takes approximately 25 minutes to reach the CCIB from the city centre, depending on traffic. The most direct way to reach the CCIB from the outskirts of the city is by taking the Ronda Litoral (the city’s ring road) and taking the exit 24. There are 3 car parks around the CCIB. GPS coordinates:
Latitude: 41.408825 Longitude: 2.218208

By metro: Take metro Line L4 Yellow to El Maresme-Forum station where the venue is located. See metro network opening hours in page 17.

By bus: Take bus Line H16 at Plaça Catalunya (city centre) to Forum stop where the congress venue is located. Opens from 4.50 to 22.10h.

Arrival from the train stations
The two main railway stations of Barcelona are:
• Barcelona-Sants and Barcelona-Estació de França.

Both stations are connected to the metro network.

By metro: At Barcelona-Sants station, take the metro Line L5 Blue, get off at Verdaguer station and take the metro Line L4 Yellow to El Maresme-Forum station. At Barcelona-Estació de França, station take the metro Line L4 Yellow to El Maresme-Forum station. See metro network opening hours on page 17.

Taxi information
Barcelona taxis are black and yellow and show a green light when available. They charge the amount indicated on the meter. Phone: +34 933 222 222 (24h service) or book online: www.barnataxi.com. You will find a taxi point with taxis available at any time in front of the hotels around the venue.

Public transportation passes
Multiple public transportation passes can be bought in all metro stations. Passes can be used for both the metro and bus network. The most popular pass is the ten-ride card, T-10. With a T-10 card you may use several subway lines or buses if less than 1h15m have passed since you went through the turnstile. The current price for a single ride ticket is 2,15€ and 9,95€ for a T-10 card.
Barcelona travel cards: Hola BCN! These cards allow unlimited journeys on Barcelona public transport over 2, 3, 4 or 5 consecutive days on a single ticket. They also include subway journeys between the airport and the city centre.

Black lanyards will be made available in the registration area for non-prescribers.

**Exhibition**

An exhibition of related products, services and technologies is being held concurrently with the congress. The exhibition will be located on the ground floor of the venue (Level P0) just behind the registration area.

**Exhibition opening hours:**

- **Sunday** 24 September: 12.45 - 18.45
- **Monday** 25 September: 10.00 - 18.00
- **Tuesday** 26 September: 10.00 - 20.30
- **Wednesday** 27 September: 10.00 - 11.30

Full details of the exhibition are included within the programme.

**Credit cards**

National and foreign credit cards as well as MasterCard, American Express and Visa are accepted. Credit cards are also accepted by numerous hotels, restaurants, shops and petrol stations.

**Disclaimer**

All best endeavours will be made to present the programme as published. However, ESOT 2017 Congress and its agents reserve the right to alter or cancel, without prior notice, any arrangements, timetables, plans or other items relating directly or indirectly to the Congress, for any cause beyond its reasonable control. ESOT 2017 Congress and its agents are not liable for any loss or inconvenience caused as a result of such cancellation. Delegates are advised to take out their own travel insurance and to extend their policy to cover personal possessions as the Congress does not cover individuals against cancellation of bookings or theft or damage to belongings. Tours run by third parties may be subject to cancellation should minimum numbers not be achieved.

**Electricity**

The standard voltage in Barcelona is 230V/50Hz. Plugs are continental style with two round pins.

**First aid**

If you require first aid provision please approach your nearest venue security guard who will be able to help.

**Emergency telephone numbers**

European SOS number: **112**

The SOS number 112 can be dialled to reach emergency services - medical, fire and police - from anywhere in Europe. This Pan-European emergency number 112 can be called from any telephone (landline, pay phone or mobile cellular phone). Calls are free. It can be used for any life-threatening situation, including serious medical problems (accident, unconscious
person, severe injuries, chest pain, seizure), any type of fire (house, car), life-threatening situations (crimes).

**Medical emergency:** 061  
**Fire brigade:** 080  
**City police:** 092  
**City information:** 010  
**Barcelona Tourist Office:** 933 689 700

**Ecosystem bar**  
ECOSYSTEM by ESOT stands for a fully digitalized and paperless congress. Participants are invited to bring their tablet (or book it with the registration) to access the App where programme and abstracts are available. The Ecosystem Bar will be located in the exhibition area, ground floor at the venue (Level P0), where you will get further instruction of usage and will be able to pick up your iPad if booked with your registration.

Supported tablets for ESOT 2017:  
- **Apple** devices running iOS 7 or newer.  
- **Android** devices running 4.1 (Jellybean) or newer.

**ESOT Village and National Transplant Societies Square**  
ESOT is pleased to welcome you in this designated area, located in the Exhibition area, ground floor of the venue (Level P0). Here you can receive information on membership, grants and awards programme, education activities and meet our staff. Some national societies of transplantation will also be present in this area to exchange information with congress participants.

**Insurance policy**  
The organisers cannot be responsible for medical, travel or personal claims. Participants are strongly advised to take out an insurance policy covering three areas: health and accident, loss of luggage and cancellation (travel and registration).

**Lost and found**  
Enquiries regarding items lost or found can be made at the Registration desk located in the main entrance hall at the venue.

**Registration opening hours**  
The registration desks are located in the entrance area of the venue (Level P0) and open at the following times:  
- **Saturday** 23 September: 14.00 - 18.00  
- **Group registration & exhibitors only**  
- **Sunday** 24 September: 07.30 - 19.30  
- **Monday** 25 September: 07.30 - 19.30  
- **Tuesday** 26 September: 07.30 - 19.30  
- **Wednesday** 27 September: 07.30 - 18.00

Registration and Information Desk telephone during opening hours: +34 93 230 8820, +34 93 230 8821

**Refreshment breaks**  
Refreshment breaks are included in the delegate registration fees in the scheduled programme breaks. All refreshments will be served in the Exhibition area. Some Corporate Symposia will have lunch provided.

**Press**  
Press passes are issued to individuals representing a recognized news organisation, including freelancers who contribute to such organisations. Individuals involved in public relations, marketing, sales, circulation, advertising, or any other non-editorial function are not eligible for press passes. For members of the press who are also exhibiting at the meeting, press credentials may only be worn during official press duties; otherwise, exhibitor credentials must be worn. ESOT 2017 Congress reserves the right to inspect the credentials of anyone requesting a pass. The Congress does not make public any list of press attendees or their affiliations. Individual press passes are available at the Registration Desks on payment of 295€ incl. VAT and are valid for the duration of the Congress.

**Press access**  
Accredited media have access to all general sessions, the poster area and satellite symposia. ESOT reserves the right to limit access to any session. Press are required to register at the onsite registration desks in the Registration area. Media credentials must be shown in order to receive a press badge.

**Press materials**  
Reproduction of materials such as abstract data, posters, presentation slides, etc. requires permission from authors and presenters. Photography of sessions and trade show booths is forbidden at the Congress. ESOT has designated a professional photographer, who may provide Congress photographic material for journalists who request this. This can be arranged by contacting the organisers at the Registration desks on site.

**Programme changes**  
The organisers cannot assume responsibility for any change in the programme due to unforeseen or external circumstances.

**Shopping and business hours**  
Shopping hours are Monday to Saturday from 10.00 to 20.00h. Shops are closed on Sundays. Visitors from non-EU countries can ask for VAT refunds when purchasing goods. Monday 25 September is a bank holiday in Barcelona and shops will be closed.

**Smoking policy**  
Smoking is prohibited in all areas of the venue.
**VAT - Value Added Tax**

VAT, Value Added Tax, and similar taxes are charged on most goods and services. VAT in Spain is currently 21%. VAT is included in all Congress fees. As a participant in the ESOT 2017 Congress you may have the possibility, under certain conditions, to recover the VAT paid on certain types of expenses incurred. This may apply to both non-European business travellers visiting Europe and to European business travellers to other EU countries. For further information, please contact Customs and Excise on departure at the airport.

**Visa information**

Delegates travelling to Barcelona from outside the EU must ensure that they have the proper documentation before departure. Visa letters are available through the Congress Administrative Secretariat, Barceló Congresos, (esot2017@barcelocongresos.com).
The registration desks are located in the entrance area of the venue (Level P0) and open at the following times:

- **Saturday** 23 September 14.00 - 18.00
  - Group registration & exhibitors only
- **Sunday** 24 September 07.30 - 19.30
- **Monday** 25 September 07.30 - 19.30
- **Tuesday** 26 September 07.30 - 19.30
- **Wednesday** 27 September 07.30 - 13.00

**ESOT 2017 Congress Secretariat**

ESOT OFFICE
Riviera dei Mugnai 8/24
35137 Padua, Italy
Tel: +39 049 859 76 52
esot2017@esot.org

**Congress Administrative Secretariat**

BARCELÓ CONGRESOS
Pl. Europa 17-19, 1st floor
08908 L’Hospitalet de Llobregat
Barcelona, Spain
Tel: +34 938 823 878
Fax: +34 971 593 811
esot2017@barcelocongresos.com

ESOT 2017 is a paperless congress. Printed matter will be fully replaced by a multi-featured app to maximise participants’ engagement and connectivity.

**On-site registration**

The registration desks are located in the entrance area of the venue (Level P0) and open at the following times:

- **Saturday** 23 September 14.00 - 18.00
  - Group registration & exhibitors only
- **Sunday** 24 September 07.30 - 19.30
- **Monday** 25 September 07.30 - 19.30
- **Tuesday** 26 September 07.30 - 19.30
- **Wednesday** 27 September 07.30 - 13.00

**TYPE OF REGISTRATION**

<table>
<thead>
<tr>
<th></th>
<th>EARLY</th>
<th>REGULAR</th>
<th>LATE</th>
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<tbody>
<tr>
<td></td>
<td>until 13 June</td>
<td>until 31 August</td>
<td>from 1 September</td>
</tr>
<tr>
<td>ESOT Member</td>
<td>600€</td>
<td>700€</td>
<td>730€</td>
</tr>
<tr>
<td>Non-member</td>
<td>850€</td>
<td>950€</td>
<td>980€</td>
</tr>
<tr>
<td>Easy ESOT: incl. registration to the Congress and ESOT membership fee</td>
<td>700€</td>
<td>800€</td>
<td>830€</td>
</tr>
<tr>
<td>Easy ESOT for delegates qualifying for a reduced fee: incl. registration to the Congress and ESOT membership fee</td>
<td>410€</td>
<td>460€</td>
<td>490€</td>
</tr>
<tr>
<td>Individuals qualifying for a reduced fee, members only*</td>
<td>360€</td>
<td>410€</td>
<td>440€</td>
</tr>
</tbody>
</table>

Fees are inclusive of VAT at the prevailing rate (21% in 2017)

**Reduced fee** *(applies only to ESOT members)*

Trainees, nurses, transplant co-ordinators, allied health professional / participants from low/middle income countries*, local hospital staff members.

*According to World Bank list: http://data.worldbank.org/country

**Delegate registration fee includes:**

- Admission to all scientific sessions
- Access to the exhibition
- Participant’s kit with congress material (App)
- Provision of the required device for use throughout the duration of the congress
- Admission to all Specialty Update Symposia
- Access to the delegate lounges
- Admission to poster opening and moderated session
- Refreshment breaks

60€ discount from the relevant congress fee for participants with their own device!

Delegate registration fee includes:

- Admission to all scientific sessions
- Access to the exhibition
- Participant’s kit with congress material (App)
- Provision of the required device for use throughout the duration of the congress
- Admission to all Specialty Update Symposia
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- Admission to poster opening and moderated session
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60€ discount from the relevant congress fee for participants with their own device!
## Hotel accommodation

<table>
<thead>
<tr>
<th>Number</th>
<th>Hotel Name</th>
<th>Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AC Barcelona Forum</td>
<td>Passeig del Taulat, 278, 08019 Barcelona</td>
<td>+34 934 89 82 00</td>
</tr>
<tr>
<td>2</td>
<td>Barcelona Princess</td>
<td>Avinguda Diagonal, 1, 08019 Barcelona</td>
<td>933 56 10 00</td>
</tr>
<tr>
<td>3</td>
<td>SB Diagonal Zero</td>
<td>Plaça de Llevant, s/n, 08019 Barcelona</td>
<td>935 07 80 00</td>
</tr>
<tr>
<td>4</td>
<td>Hilton Diagonal Mar Barcelona</td>
<td>Passeig del Taulat, 262-264, 08019 Barcelona</td>
<td>935 07 07 07</td>
</tr>
<tr>
<td>5</td>
<td>Vincci Maritimo</td>
<td>Carrer de Llull, 340, 08019 Barcelona</td>
<td>933 56 26 00</td>
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<tr>
<td>6</td>
<td>Vincci Bit</td>
<td>Carrer de Josep Pla, 69, 08019 Barcelona</td>
<td>931 65 74 20</td>
</tr>
<tr>
<td>7</td>
<td>Tryp Barcelona Condal Mar</td>
<td>Carrer de Cristóbal de Moura, 138, 08019 Barcelona</td>
<td>933 07 77 27</td>
</tr>
<tr>
<td>8</td>
<td>Attica 21 Barcelona Mar</td>
<td>Carrer de Provençals, 10, 08019 Barcelona</td>
<td>932 66 52 00</td>
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<tr>
<td>9</td>
<td>Front Maritim</td>
<td>Passeig de Garcia Fària, 69, 08019 Barcelona</td>
<td>933 03 44 40</td>
</tr>
<tr>
<td>10</td>
<td>Occidental Atenea Mar</td>
<td>Passeig Garcia i Fària 37-47, 08019 Barcelona</td>
<td>935 31 60 40</td>
</tr>
<tr>
<td>11</td>
<td>NH Barcelona del Mar</td>
<td>Carrer d’Esprriècida 6, 08005 Barcelona</td>
<td>935 02 97 00</td>
</tr>
<tr>
<td>12</td>
<td>EuroHotel Diagonal Port</td>
<td>Carrer de Lope de Vega 4, 08005 Barcelona</td>
<td>932 30 20 00</td>
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<tr>
<td>13</td>
<td>Melia Barcelona Sky</td>
<td>Carrer de Pere IV 272, 08005 Barcelona</td>
<td>912 76 47 47</td>
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<tr>
<td>14</td>
<td>Four Points by Sheraton Barcelona</td>
<td>Avinguda Diagonal 161-163, 08018 Barcelona</td>
<td>934 86 88 00</td>
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<tr>
<td>15</td>
<td>Holiday Inn Express Barcelona City 22@</td>
<td>Carrer de Pallars 203, 08005 Barcelona</td>
<td>934 33 84 00</td>
</tr>
<tr>
<td>16</td>
<td>Ilunion Barcelona</td>
<td>Carrer de Ramon Turró 196-198, 08005 Barcelona</td>
<td>932 43 88 00</td>
</tr>
</tbody>
</table>
17 Hotel 4 Barcelona  
Carrer del Dr. Trueta 164, 08005 Barcelona  
Tel: 933 29 09 54

18 Novotel Barcelona City  
Avinguda Diagonal 201, 08018 Barcelona  
Tel: 933 26 24 99

19 The Gates Hotel Diagonal Barcelona  
(prev. Silken Diagonal Mar)  
Avinguda Diagonal 205, 08018 Barcelona  
Tel: 934 89 53 00

20 Catalonia Born  
Carrer del Rec Comtal 16-18, 08003 Barcelona  
Tel: 932 68 86 00

21 NH Podium  
Carrer de Bailèn 4-6, 08010 Barcelona  
Tel: 932 65 02 02

22 Silken Gran Hotel Havana  
Gran Vía de les Corts Catalanes 647, 08010 Barcelona  
Tel: 933 41 70 00

23 HCC Montblanc  
Via Laietana 61, 08003 Barcelona  
Tel: 933 43 55 55

24 Catalonia Diagonal Centro  
Carrer de Balmes 142-146, 08008 Barcelona  
Tel: 934 15 90 90

25 Catalonia Porta de l’Angel  
Portal de l’Àngel 17, 08002 Barcelona  
Tel: 933 18 41 41

26 Ilunion Almirante  
Via Laietana 42, 08003 Barcelona  
Tel: 932 68 30 20
Networking events

**e-Poster Appointment Opening and Moderated Session**

**Sunday** 24 September, 17.45 - 18.45h.
You are invited to this event which will take place at the e-Poster area when the first round of appointments will take place. You will be able to explore the e-Poster area located in the Exhibition hall, ground floor (Level P0) in the venue.

**Networking Event**

**Sunday** 24 September 19.00 - 20.00h.
Join your colleagues and friends in this networking event to take place in the Banquet Hall of the venue, located on the second floor (Level P2) of the CCIB.

**Rising Stars Networking Event**

**Tuesday** 26 September, 19.30 - 20.15h.
YPT is the ESOT Committee for Young Professionals in Transplantation, representing all young transplant clinicians and scientists and focusing on career development, networking, international professional/ training exchanges. The YPT Committee invites you to join this Event on Tuesday evening in the Rising Stars Lounge located in the Exhibition hall, ground floor (Level P0) in the congress venue.

Business meetings agenda

**Saturday 23 September**

08.30 - 18.30  **UEMS Exams - Transplant Surgery**
10.00 - 16.00  **UEMS Exams - Transplant Medicine**
08.00 - 17.00  **UEMS Exams - Transplant Coordination**

**Sunday 24 September**

08.30 - 09.00  **EDTCO Assembly** (members only). Before the SUS
12.30 - 13.00  **EKITA Assembly** (members only). After the SUS
13.00 - 13.30  **ELITA Assembly** (members only). After the SUS
17.30 - 20.00  **Biomargin** (by invitation)

**Monday 25 September**

10.00 - 12.30  **EPITA Board Meeting** (members only)
12.30 - 14.00  **Transplant International Editorial Board** (by invitation)

**Tuesday 26 September**

08.00 - 09.00  **Roundtable on Surrogate Endpoints** (by invitation)
12.40 - 14.00  **Premium Members** (Premium members only)
13.00 - 15.30  **EKITA Board Meeting** (members only)
17.05 - 18.35  **ESOT General Assembly** (members only)
18.40 - 19.40  **VIII National Societies Presidents’ Meeting** (by invitation)
Level P1  First floor

Sessions: Rooms 111 to 128
ESOT Council office: Room 130
Speaker preview room: Room 131-132
Roche hospitality suite: Room 134

Level P0  Ground floor

Exhibition area including:
- Ecosystem Bar (Tablets)
- ESOT Village and National Societies Square
- Biotech Area
- e-Poster Lounge
- Rising Stars Lounge
- F&B Stations

Registration & Secretariat
- Lounge Area
- Access to the Auditorium
- Cloakroom

Novartis hospitality suite: VIP Room
## Scientific programme overview

### SUNDAY 24 SEPTEMBER

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Session</th>
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</table>
| 9.00  | Auditorium | **PLENARY 1**
Big Bang in Transplantation                                      |
| 11.20 | Auditorium | Elevator Pitch 1
Complications                                                  |
| 12.50 | Auditorium | The coolest clinical trials in transplantations sponsored by the EU |
| 13.00 | Auditorium | Corporate symposium (see page 23)                                       |
| 13.00 | Auditorium | Corporate symposium (see page 23)                                       |
| 15.00 | Auditorium | PLENARY 1
Big Bang in Transplantation                                      |
| 17.20 | Auditorium | Elevator Pitch 1
Complications                                                  |
| 18.45 | Auditorium | Transplant Int’l: submission of papers                                   |
| 19.00 | Auditorium | Networking Event in Level P2                                              |

### 120 + 121

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<thead>
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| 11.00 | Joint session
BSC/VCA                                                              |
| 12.00 | Development, ageing and regeneration by BSC                              |
| 12.50 | Beyond hand and face transplantation by VCA                              |
| 12.50 | The transplant team: all for one, one for all Workshop by YPT             |
| 12.50 | Molecular diagnosis in thoracic transplantation by ECTTA                 |
| 12.50 | Hot topics in living and deceased donation by ELPAT                      |

### 122

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| 11.00 | Joint session
BSC/VCA                                                              |
| 12.00 | Development, ageing and regeneration by BSC                              |
| 12.50 | Beyond hand and face transplantation by VCA                              |
| 12.50 | The transplant team: all for one, one for all Workshop by YPT             |
| 12.50 | Molecular diagnosis in thoracic transplantation by ECTTA                 |
| 12.50 | Hot topics in living and deceased donation by ELPAT                      |

### 125

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### 127

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### 128

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### Exhib’n area

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### Corporate Exhibition, E-Poster and Rising Stars Lounge

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## MONDAY 25 SEPTEMBER

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### TUESDAY 26 SEPTEMBER

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#### 09.00 - 11.10

- **STATE OF THE ART 6**
  - One for all or all for one...

- **STATE OF THE ART 4**
  - New concepts in transplant infectious diseases...

- **STATE OF THE ART 5**
  - Cell therapy in clinical trials

#### 12.40 - 14.05

- **BIG BANG 3**
  - Innovation in immunomedication: the modern Prometheus

- **Elevator Pitch 4**
  - Liver

- **EDUCATIONAL TRACK 3**
  - Above and below the diaphragm

- **EDUCATIONAL TRACK 4**
  - Pathophysiology and endpoints on tolerance

- **Late Breaking Oral**
  - Living donation (kidney)

#### 13.00 - 14.05

- **PLENARY 3**
  - Innovation under pressure: transplant patient care in 2020

- **Elevator Pitch**
  - Asia leading the way

- **Corporate symposium**
  - (see page 23)

- **Surrogate endpoints**
  - Int. W’shop

- **STATE OF THE ART 4**
  - New concepts in transplant infectious diseases...

- **STATE OF THE ART 5**
  - Cell therapy in clinical trials

#### 14.05 - 17.05

- **BIG BANG 4**
  - Ageing and immortality

- **Elevator Pitch**
  - Late breaking abstracts

- **The Devil’s Advocate**
  - Clinical science

- **ESOT General Assembly**
  - (see page 23)

- **Corporate symposium**
  - Allocation (kidney)

- **OS37**
  - Surgery (liver)

- **OS38**
  - Immunology

- **BO25**
  - Complications (kidney)

- **BO26**
  - Immunology

#### 17.05 - 18.40

- **Elevator Pitch 5**
  - Donation, allocation & IRI

- **BO35**
  - Immunology

- **BO36**
  - Complications (kidney)

- **BO37**
  - Surgery (liver)

- **BO38**
  - Kidney

- **BO39**
  - Heart

- **BO40**
  - Kidney

- **BO41**
  - Lung

- **BO42**
  - Pediatric

#### 18.40 - 20.15

- **Coffee break**
  - Corporate Exhibition, E-Poster and Rising Stars Lounge

- **Rising Stars Networking Event**
  - (see page 23)
## Wednesday 27 September

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### Exhib' n area

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### Coffee break

- Corporate Exhibition
- E-Poster and Rising Stars Lounge

10.00 - 11.30
**SPECIALTY UPDATE SYMPOSIUM ELITA**

**09.00 – 13.00 Bile ducts in liver transplantation — do we make progress?**

**Introduction**
Christophe Duvoux, Paris, France and Gabriela Berlakovich, Vienna, Austria

**09.05 – 10.40 Session 1**

**CHAIRS:** Luca Belli, Milan, Italy  
Wojciech Polak, Rotterdam, The Netherlands

**09.05 Case presentation: late biliary complication after adult-to-adult split liver transplantation not related to vascular complications**  
Stefano Di Sandro, Milan, Italy

**09.35 How to treat the biliary tract during liver procurement and during transplantation?**  
Nicolas Meurisse, Liège, Belgium

**09.55 Diagnostic work-up for biliary complications after liver transplantation**  
Gabriela Berlakovich, Vienna, Austria

**10.20 Case discussion + Q&A**  
William Bennet, Gothenburg, Sweden

**10.40 – 11.00 Break**

**11.00 – 12.50 Session 2**

**CHAIRS:** Giacomo Germani, Padova, Italy  
Krzysztof Zieniewicz, Warsaw, Poland

**11.00 Case presentation: biliary complication after DCD liver transplantation: from bad to worse**  
S. Danwish Murad, Rotterdam, The Netherlands

**11.10 Non-anastomotic strictures in DCD liver transplantation — how to prevent them?**  
Robert Porte, Groningen, The Netherlands

**11.30 How far can we go with conservative management of biliary complications after liver transplantation?**  
Herold Metselaar, Rotterdam, The Netherlands

**11.50 Good functioning graft with severe biliary complications - when is the right time for re-transplantation?**  
Darius Mirza, Birmingham, United Kingdom

**12.10 How the pathologist can help clinician in decision making in case of biliary complications?**  
Desley Neil, Birmingham, United Kingdom

**12.30 Case discussion + Q&A**  
William Bennet, Gothenburg, Sweden

**12.50 Closing remarks**  
Roberto Troisi, Ghent, Belgium

**OBJECTIVES**  
To provide the liver transplant professionals with up to date information on donor selection, anatomical and surgical technical pitfalls and management of recipients after small for size syndrome in split and living donor liver transplants.

**TARGET AUDIENCE**  
Liver transplant surgeons and hepatologists, HPB surgeons and general hepatologists, HPB oncologists, specialist nurses in liver transplantation, HPB, hepatology and oncology.
SPECIALTY UPDATE SYMPOSIUM EPITA

09.00 – 12.40
**New challenges: fair allocation (recipient) and donation (donor)**

09.00 – 10.40
**Session 1. New challenges for a fair allocation (recipient)**

**CHAIRS:** Helmut Arbogast, Munich, Germany  
Steve White, Newcastle, United Kingdom

09.00  
**Challenges in different countries. Eurotransplant is in there with the other countries**  
Eelco de Koning, Leiden, The Netherlands

09.10  
**Experiences with a common waiting list for islets Tx in the United Kingdom**  
James Shaw, Newcastle, United Kingdom

09.25  
**New allocation system: the Swiss solution**  
Roger Lehmann, Zurich, Switzerland

09.35  
**What about France?**  
Marie-Alice Macher, France

09.50  
**Pancreas allocation in North Italy Transplant program (NITp)**  
Massimo Cardillo, Milan, Italy

10.15  
**The first pancreas transplants were performed 50 years ago. One of the surgeons recalls how it happened and some consequences**  
Frederick Merkel, Chicago, United States

10.40 – 11.10  
**Break**

11.10 – 12.40
**Session 2. New challenges in donation (donor)**

**CHAIRS:** Lorenzo Piemonti, Milan, Italy  
Johann Pratschke, Berlin, Germany

11.10  
**What is the crucial information for accepting an organ? Are scoring systems helpful?**  
Raja Kandaswamy, Minneapolis, United States

11.40  
**Update on marginal donor utilization**  
Peter Friend, Oxford, United Kingdom

12.10  
**Decreasing numbers for beta-cell replacement: what is the reason?**  
Antonio Secchi, Milan, Italy

**OBJECTIVES**  |  To review recent developments in pancreas and islet transplantation.

**TARGET AUDIENCE**  |  Transplant surgeons and physicians, transplant coordinator, nurses and medical student with an interest in transplantation of pancreas and islets.

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The European Pancreas and Islet Transplantation Association is a section of ESOT founded to provide a forum for the pancreas and islet transplantation community in Europe.

**GOALS**  |  To facilitate the exchange of information of the field of pancreas and islet transplantation.

**AIMS**  |  The aim of EPITA is to contribute to the development of the pancreas and islet transplantation field and of alternate forms of beta-cell replacement therapy for the benefit of patients suffering from type 1 diabetes.
SPECIALTY UPDATE SYMPOSIUM  EKITA

09.00 – 12.20  
EKITA & ERA-EDTA DESCARTES

Joint Symposium. Humoral alloimmunity

09.00 – 10.40  
Session 1  
CHAI R S : Fritz Diekmann, Barcelona, Spain  
            Ondrej Viklicky, Prague, Czech Republic

09.00  
Basics of the HLA system  
Caner Süsal, Heidelberg, Germany

09.20  
External validity and variability of solid phase results  
Markus Wahrmann, Vienna, Austria

09.40  
HLA single epitope matching becomes real?  
Frans Claas, Leiden, The Netherlands

10.00  
Preformed HLA DSAs and outcomes  
Christophe Legendre, Paris, France

10.20  
De novo HLA-DSAs and hard outcomes. How to determine risk (class, number, complement activation?)  
Hans J.W. de Fijter, Leiden, The Netherlands

10.40 – 11.00  
Break

11.00 – 12.20  
Session 2  
CHAI R S : Fritz Diekmann, Barcelona, Spain  
            Ondrej Viklicky, Prague, Czech Republic

11.00  
Alloimmunity trough non-HLA, the human knock out experiment  
Rainer Oberbauer, Vienna, Austria

11.20  
Complement blockade and outcomes – novel approaches beyond eculizumab  
Georg Böhmig, Vienna, Austria

11.40  
Treatment of ABMR features in management biopsies  
Ondrej Viklicky, Prague, Czech Republic

12.00  
Underlying mechanisms of spontaneous operational tolerance  
Annick Massart, Brussels, Belgium

OBJECTIVES  |  To provide an overview and offer specific solutions for the ‘complicated’/sensitized patient. Solutions range from individualization through omics technologies to bioinformatics approaches.

TARGET AUDIENCE  |  Transplant surgeons and physicians, nephrologist, immunologists at all stages of training and expertise.

EKITA is the kidney section of ESOT and deals with all aspects of renal transplantation. As a European platform, EKITA supports research, education and clinical work in this area. Furthermore, EKITA is highly ambitious in preparing policies and creating transnational interactions to advance renal allografting in all European member states.

GOALS  |  The main goal of EKITA is to improve quality of life of people with ESRD by advancing all aspects of kidney transplantation.

AIMS  |  The ultimate aim of EKITA is the optimization of transplantation through activities in research, education, clinical collaboration and health policy.
SPECIALTY UPDATE SYMPOSIUM BSC

09.00 – 12.50 Development, ageing and regeneration

09.00 – 11.00 BSC Session

CHAIRS: Henri Leuvenink, Groningen, The Netherlands
       Nina Pinat-Michalek, Vienna, Austria

09.00 Organogenesis and development of organs C18
       Stephen A. Duncan, Charleston, United States

09.45 Ageing donor organs and recipients’ immune systems
       Michiel Betjes, Rotterdam, The Netherlands

10.30 Generation of kidney tissue from iPS
       Minoru Takasato, Kobe, Japan

OBJECTIVES | To give in-depth insight in biological processes related to ageing. To provide general insight in organ development and regeneration. To implement general knowledge of ageing and regeneration in the transplantation field.

TARGET AUDIENCE | Basic scientists, transplant immunologists, regenerative medicine researchers, transplant physicians.

11.10 – 12.50 Joint BSC and VCA Session

CHAIRS: Gerald Brandacher, Baltimore, United States
       Nina Pilat-Michalek, Vienna, Austria

11.10 VCA and regenerative medicine: a perfect couple?
       Gerald Brandacher, Baltimore, United States

11.20 Creating stem cell niches in vitro
       Martin J. Hoogduijn, Rotterdam, The Netherlands

11.50 Engineering functional tissues: The Holy Grail or an attainable goal?
       Tahera Ansari, Harrow, United Kingdom

12.20 Pediatric reconstructive transplantation
       Lawrence Levin, Philadelphia, United States

The Basic Science Committee promotes Basic Science in transplantation in Europe.

GOALS | Translation of innovation into clinical activity.
Communication between basic scientists and clinicians.
Collaboration between laboratories in Europe.
SPECIALTY UPDATE SYMPOSIUM  VCA

09.00 – 12.50  Beyond hand and face transplantation

09.00 – 11.00  VCA Session

CHAIRS: Gerald Brandacher, Baltimore, United States
          Emmanuel Morelon, Lyon, France

09.00  Uterus transplantation: current status and future directions
       Mats Brannstrom, Göteborg, Sweden

09.30  Penis transplantation: a viable option to restore form and function
       Frank Graewe, Stellenbosch, South Africa

10.00  Regenerative medicine and VCA - competitors or perfect couple?
       Alexandra Iordachescu, Birmingham, United Kingdom

10.30  Novel technologies for local skin-specific drug delivery
       Constantin Coussios, Oxford, United Kingdom

OBJECTIVES  |  To discuss the latest developments and new indications in VCA. Discuss new strategies of cell-based immune modulation for VCA. Highlight how cutting edge technologies from tissue engineering and regenerative medicine can help advance the field of VCA.

TARGET AUDIENCE  |  Surgeons, physicians, researchers, transplant coordinators.

11.10 – 12.50  Joint BSC and VCA Session

CHAIRS: Gerald Brandacher, Baltimore, United States
         Nina Pilat-Michalek, Vienna, Austria

11.10  VCA and regenerative medicine: a perfect couple?
       Gerald Brandacher, Baltimore, United States

11.20  Creating stem cell niches in vitro
       Martin J. Hoogduijn, Rotterdam, The Netherlands

11.50  Engineering functional tissues: The Holy Grail or an attainable goal?
       Tahera Ansari, Harrow, United Kingdom

12.20  Pediatric reconstructive transplantation
       Lawrence Levin, Philadelphia, United States

VCA has opened a new chapter in the field of transplantation, reconstructive and restorative surgery. This committee brings together 8 representatives of major European teams at the forefront in this field.

GOALS  |  Our goal is to raise the scientific and clinical development of Vascularized Composite Allotransplantation (VCA) in Europe and to serve as a platform for scientists and clinicians for information and exchange.
**SPECIALTY UPDATE SYMPOSIUM**  **ELPAT**

**09.00 – 12.50**

**Hot topics in living and deceased donation**

**09.00 – 10.30**

**Session 1**

**CHAIRS:** Annette Lennerling, Göteborg, Sweden
Emma Massey, Rotterdam, The Netherlands

- **09.00**  **Children as deceased donors**
  Marion Siebelink, Groningen, The Netherlands

- **09.30**  **How and why should we perform psychological screening of living donors**
  Emma Massey, Rotterdam, The Netherlands

- **10.00**  **Pushing for more anonymous (unspecified) living kidney donations?**
  Christopher Burns-Cox, London, United Kingdom

**10.30 – 11.00**  **Break**

**11.00 – 12.50**  **Session 2**

**CHAIRS:** Annette Lennerling, Göteborg, Sweden
Emma Massey, Rotterdam, The Netherlands

- **11.00**  **Is promotion of altruistic living donation killing altruism of the deceased?**
  Leonardo de Castro, Singapore, Republic of Singapore

- **11.30**  **Questioning the definitions of death**
  Michael Nair-Collins, Tallahassee, United States

- **12.00**  **Opportunities and hurdles in research in deceased donation**
  Rutger Ploeg, Oxford, United Kingdom

**OBJECTIVES**  To increase the knowledge, understanding, and skills to implement a successful living kidney exchange program.

**TARGET AUDIENCE**  Nephrologists, surgeons, psychologists, social workers, transplant coordinators, nurse practitioners.

**Ethical, Legal, and Psychosocial Aspects of Organ Transplantation (ELPAT)** is a European platform that brings continuity and progress in European research and dialogue on ethical, legal and psychosocial aspects of organ donation and transplantation.

**GOALS**  Provides a forum for discussion about ethical, legal, and psychosocial problems and questions related to donation and transplantation; Organizes regular, international open and invitational conferences.
The Thoracic Committee has been endorsed to promote initiatives aimed at improving the educational and scientific opportunities ESOT can offer to professionals involved in heart and lung transplantation.

GOALS  |  Our ambition is to become a gathering home to foster scientific growth, exchange programs, collaborative projects and funding opportunities dedicated to European heart and lung transplantation programs.

AIMS  |  Improve quality of care for patients with end-stage heart or lung disease and for thoracic organ transplant recipients. Advance education and stimulate networking amongst thoracic transplant professionals.
SPECIALTY UPDATE SYMPOSIUM ETAHP

08.30 – 12.50

Healthy ageing after transplantation: sex, drugs and rock’n’roll
CHAIRS: Fabienne Dobbels, Leuven, Belgium
Ignacio Revuelta, Barcelona, Spain

08.30 – 10.00
Welcome and overview of the programme

08.40 – 10.00
Session 1. Let’s talk about sex

08.40
Sexuality after organ transplantation: shuffling between fears and dreams?
Paul Enzlin, Leuven, Belgium

09.10
Transplant drugs and pregnancy - contraception, pregnancy and breastfeeding
Helene Thomas, Bristol, United Kingdom

09.40
Interactive case discussion. So you want to have a baby: now what?
Andrea Devaney, Oxford, United Kingdom

10.00 – 10.50
Session 2. Cognitive functioning

10.00
Cognitive functioning pre- and post-transplant: eternal sunshine of the spotless mind?
Patrick Smith, Durham, United States

10.30
Interactive case discussion on cognitive functioning. 2 cases with long term perspective:  
1. Deliberative non adherence due to cognitive deficit in a liver transplant recipient
   Anna Forsberg, Lund, Sweden

2. Cognitive deficit after lung transplantation - a long-term perspective on consequences for self-management
   Marion Wessels-Bakker, Utrecht, The Netherlands

11.10 – 12.50
Session 3. Frailty

11.10
The good, the bad and the frailty: new organs in rickety vehicles?
Edwin Van Adrichem, Groningen, The Netherlands

11.40
Optimal nutritional intervention in frailty: more than eating steak!
Francis Hollander, Utrecht, The Netherlands

12.10
Interactive case discussion. Frailty: not only a problem for the older patient - 2 cases
Marjo Van Helden, Nijmegen, The Netherlands

OBJECTIVES
The lectures will focus on post transplant lifestyle problems, the role of nurses and allied health professionals in promoting a healthy lifestyle, and non-medical interventions aiming to improve post-transplant self-management.

TARGET AUDIENCE
Nurses, physical therapists, dieticians, social workers, occupational therapists psychologists, among other allied healthcare professionals.

ETAHP reaches out to nurses (e.g. clinical nurses, advanced practice nurses and nurse coordinators (recipient care), psychologists, physical therapists, occupational therapists, social workers, dieticians, pharmacists and other disciplines working in the field of transplantation.

GOALS
Within ETAHP, nurses and allied healthcare professionals throughout Europe will be united to ensure the best care possible to all transplant patients, with the aim to optimize patient outcomes.

AIMS
We will do so by creating a strong European interdisciplinary platform to: share evidence based knowledge; exchange experiences and provide training; facilitate research and clinical collaborations; set the standards for the quality of care in transplant nursing and for allied health professionals.
<table>
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<tr>
<th>Time</th>
<th>Session</th>
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| 09.00 – 14.30| **Organ Donation by EDTCO**  
The next industrial revolution: new role for the transplant coordinator in organ recovery and repair |
| 09.00 – 09.10| Welcome                                                                 |
| 09.10 – 10.40| **Industry 4.0: New role for the transplant coordinator in organ recovery and repair**  
**Chairs:** David Paredes, Barcelona, Spain  
Dirk Ysebaert, Antwerp, Belgium |
| 09.10        | Heart donation in controlled DCD donors: an option for other countries?  
Simon Messer, Cambridge, United Kingdom |
| 09.30        | Ex situ organ perfusion: what are the benefits and the risks for organ repairing?  
Diethard Monbaliu, Leuven, Belgium |
| 09.50        | New role and responsibilities: transplant technicians in organ preservation (in situ/ex situ)  
Leonie Venema, The Netherlands |
| 10.10        | Discussion with the experts                                             |
| 10.40 – 10.55| Break                                                                   |
| 10.55 – 12.30| **Donation revolution: changing paradigms**                            
**Chairs:** Julien Charpentier, Paris, France  
Carl-Ludwig Fischer Froehlich, Frankfurt, Germany |
| 10.55        | Changes in cerebro-cardiovascular treatment incorporating donation as part of end of life care  
Beatriz Dominguez-Gil, Madrid, Spain |
| 11.15        | Increase of patients in therapeutic ECMO, does it interfere in organ donation?  
Régis Bronchard, Malakoff, France |
| 11.35        | Matching expanded donor profiles to selected recipients: HIV to HIV, successfully treated HCV to naive recipients?  
Paolo Grossi, Varese, Italy |
| 11.55        | Discussion with the experts                                             |
| 12.30 – 14.30| **Lunch symposium. Living donation: the redefined role of transplant coordinator?**  
**Chairs:** Nichon Jansen, Leiden, The Netherlands  
Sandor Mihaly, Budapest, Hungary |
| 12.30        | Pros and cons of transplant coordinators as donor advocate              
Lisa Burnapp, London, United Kingdom |
| 12.50        | It’s time for financial incentives to promote living donation?           
Medard Hilhorst, Rotterdam, The Netherlands |
| 13.15        | New challenges in living donation: Europe confronting transplant tourism and organ trafficking  
Marta Lopez Fraga, Strasbourg, France |
| 13.40        | Paired kidney exchange between European countries to improve transplant opportunities  
Bernadette J.J.M. Haase-Kromwijk, Leiden, The Netherlands |
| 14.05        | Discussion with the experts and closing remarks                          |

**Objectives**  
To promote better understanding of the barriers to deceased donation.  
To develop knowledge and skills in end of life care, donor management and family support.  
To enhance collaboration between healthcare professionals working in the fields of intensive care medicine and organ and tissue donation.

**Target Audience**  
Healthcare professionals involved in intensive care and emergency medicine, end of life care, organ and tissue donation and coordination. Patient, family and society representatives, EU commissioners and political representatives.
WORKSHOP BY YPT

09.00 – 12.00  The transplant team: all for one - one for all

The ESOT YPT Workshop and its Presidential Debate gives you a chance to engage with a variety of speakers in a lively ‘town hall’ format, as well as connecting with other young transplant professionals from around the world.

The session will begin with talks from three key presenters on the past, present, and future of transplantation and open Q&As with each presenter. The second part sees sets of two speakers take contradicting viewpoints on several of the key issues facing young transplant professionals and tackling questions from the moderator and the audience.

CREATORS: Francesca Tinti, Roma, Italy
Mohammed Zeeshan Akhtar, Oxford, United Kingdom

09.00 – 10.35  Part I. The future of transplantation: 3 lectures on past, present and future

CHAIRS: Alice Koenig, Lyon, France
Thomas Resch, Innsbruck, Austria

09.05  The future of transplantation - historical perspective
Sir Roy Calne, Cambridge, United Kingdom

09.25  Open Q&A with Roy Calne

09.35  The future of transplantation - present perspective
Jan Lerut, Brussels, Belgium

09.55  Open Q&A with Jan Lerut

10.05  The future of transplantation - future perspective
Igor Sauer, Berlin, Germany

10.25  Open Q&A with Igor Sauer

10.35 – 10.50  Coffee break

10.50 – 12.00  Part II. Presidential debate

‘Town Hall’ format. Moderated discussion group in which a large audience is invited. The audience is composed of participants and a small number of spokespeople, who will address questions to the 2 speakers. A decided number of questions will come from the audience, while others will be posed by the moderator. The moderator will choose from a list of questions prepared before the event.

The theme: Career development in Europe - personal experience
CHAIR: John Forsythe, Edinburgh, United Kingdom

10.50  Introduction

10.55  Segment 1. The bittersweet life of a transplant trainee: ‘I can’t get no …’
Undine A. Gerlach-Runge, Berlin, Germany
Olivier Aubert, Paris, France

11.15  Segment 2. The importance of pre- and post-transplant care: ‘Love your -ologist’
Georgios Vrakas, Oxford, United Kingdom
Laure Elkrief, Geneva, Switzerland

11.35  Segment 3. The importance of research and publication: ‘You’re only as good as your impact factor’
Liset Pengel, London, United Kingdom
Simon Knight, Oxford, United Kingdom

11.55  Closing remarks and invitation to the Young Professional Journey at ESOT2017
John Forsythe, Edinburgh, United Kingdom

OBJECTIVES  |  Provide insights and promote debate on education and career development for young professionals in transplant. The workshop is divided into three parts focussing on different aspects around a common theme on education and career development.
SPECIAL SESSION

11.20 – 14.30  The coolest clinical trials in transplantation sponsored by the EU

Since the beginning of transplantation, clinical trials entertained in Europe contributed to the advancement of this exciting field. Not only large multicenter studies executed by pharmaceutical companies but also investigator-driven research is strongly present in Europe and contributing to the advancement of our field. Under the umbrella of the FP7 and Horizon2020 frameworks of the European Commission, the EU is sponsoring large international research networks, also in transplantation. In this session, we listen to the stories of the protagonists in the EU-sponsored projects in the field of solid organ transplantation, and discuss the opportunities and hurdles encountered by these large international collaborative networks.

CHAIRS: Pierre Marquet, Limoges, France
Maarten Naesens, Leuven, Belgium

11.20  Chairs’ welcome

11.30  EU-funding of innovative approaches to solid organ transplantation
Jürgen Sautter, European Commission, Brussels, Belgium

11.50  ONE - A unified approach to evaluating cellular immunotherapy in solid organ transplantation
Edward K. Geissler, Regensburg, Germany

12.10  Bio-DrIM - Personalized minimization of immunosuppression after solid organ transplantation by biomarker-driven stratification of patients to improve long-term outcome and health-economic data of transplantation
Petra Reinke, Berlin, Germany

12.30 – 13.10  Lunch break

13.10  EUROSTAM - A Europe-wide strategy to enhance transplantation of highly sensitized patients on basis of acceptable HLA mismatches
Frans Claas, Leiden, The Netherlands

13.30  BIOMARGIN - Biomarkers of renal graft injury
Pierre Marquet, Limoges, France

13.50  COPE - Consortium for organ preservation in Europe: latest news
Rutger Ploeg, Oxford, United Kingdom

14.10 – 14.30  Q&A. Questions from the audience and discussion about opportunities for joint activities and important topics for the future of organ transplantation
Scientific programme

Congress sessions
Sunday 24 September

PLenary Session 1

15.00 – 17.20

Big Bang in Transplantation

The session will take you on a journey from the origins of transplantation to the present day.Recent advances in science open the gate to extending human life, defying nature. However, weare also learning from nature as to how to extend the life of organs and the entire human body.On the brink of the biggest adventure of the human race, stepping on a different planet, we facequestions about the very essence of humanity.

CREATED BY: Maarten Naesens, Leuven, Belgium
Gabriel Oniscu, Edinburgh, United Kingdom

CHAIRS: Josep Maria Grinyó, Barcelona, Spain
Vassilios Papalois, London, United Kingdom

15.00

Welcome address by the Congress Chairs
Valentin Cuervas-Mons, Madrid, Spain and Antonio Román, Barcelona, Spain

15.15

ESOT presents: the story of organ transplantation – for patients, with patients

15.30

A patient experience and viewpoint
Carole Lamarque, Antwerp, Belgium

16.00

Hibernation and preservation
Robert H. Henning, Groningen, The Netherlands

16.20

A glimpse into the on-going / near future of transplantation
Gerald Brandacher, Baltimore, United States

16.45

KEYNOTE The human fate from a universal perspective - the race to Mars
John Bradford, Atlanta, United States

17.45 – 18.45

Transplant International behind the scenes: ten ways to get your paper (not) rejected

This session will provide insight into how the decision is made whether a submitted paper gets accepted or rejected. To inform about parts of the decision process that are usually not visible to the author. To show examples of pitfalls to avoid when submitting a paper. To provide suggestions how to optimize your chances of acceptance.

CHAIRS: Rainer Oberbauer, Vienna, Austria
Thomas Wekerle, Vienna, Austria

17.45

Introduction
Rainer Oberbauer, Vienna, Austria and Thomas Wekerle, Vienna, Austria

17.55

The editor’s perspective: do’s
Rainer Oberbauer, Vienna, Austria

18.15

The editor’s perspective: don’t’s
Thomas Wekerle, Vienna, Austria

18.35

Interactive discussion with the audience
**Elevator Pitch session 1**

**EPS01 Complications of transplantation**

**Chair(s):** Maarten Naesens, Leuven, Belgium; Stefan Schneeberger, Innsbruck, Austria

**EPS01**

**A MULTICENTER, RANDOMIZED, PLACEBO-CONTROLLED TRIAL OF EXTRACT OF JAPANESE HERBAL MEDICINE DAIKENCHUTO TO PREVENT BOWEL DYSFUNCTION AFTER ADULT LIVER TRANSPLANTATION (DKB 14 STUDY)**

Yasuhiro Sugawara1; Toshihiko Kaido2; Masahiro Shinoda3; Yukihoro Inomata4; Takahito Yagi5; Nobuhisa Akamatsu6; Yasutsugu Takada7; Hideki Ohdan8; Tsuyoshi Shimamura9; Yasuhiro Ogura10; Susumu Eguchi11; Hidetoshi Eguchi12; Masakazu Yamamoto13; Yoshihiro Maehara14; Shinichi Miyagawa15; Shinji Uemoto16

1Kumamoto University, Japan; 2Division of Hepato-Biliary-Pancreatic & Transplant Surgery, Dept of Surgery, Graduate School, Japan; 3Dept of Surgery, Keio University School of Medicine, Japan; 4Department of Transplantation/Pediatric Surgery, Postgraduate School of Medicine, Kumamoto University, Japan; 5Department of Gastroenterological Surgery, Okayama University Graduate School of Medicine, Dentistry, Japan; 6Artificial Organ and Transplantation Division, Department of Surgery, Graduate School of Medicine, Japan; 7Department of Hepato-Pancreatic-Biliary and Breast Surgery, Ehime University Graduate School of Medi, Japan; 8Department of Gastroenterological & Transplant Surgery, Applied Life Sciences, Institute of Biomed, Japan; 9Division of Organ Transplantation, Hokkaido University Hospital, Sapporo, Japan; 10Dept of Transplantation Surgery, Nagoya University Hospital, Nagoya, Japan; 11Dept of Surgery, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan; 12Dept of Gastroenterological Surgery, Graduate School of Medicine, Osaka University, Japan; 13Dept of Surgery, Institute of Gastroenterology, Tokyo Women’s Medical University, Tokyo, Japan; 14Dept of Surgery & Science, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan; 15First Department of Surgery, Shinshu University School of Medicine, Matsumoto, Japan

**EP002**

**OUTCOME OF BARIATRIC SURGERY IN OBESE RENAL TRANSPLANT RECIPIENTS: SINGLE CENTER EXPERIENCE**

Osama Gheith; Torki Alotaibi; Medhat Abdul Halim; Ahmed Mosaad; Prasad Nair; Jude Yagan; Mohamed Balaha; Tarek Said

Otc, Kuwait

**EP003**

**LEFT VENTRICULAR HYPERTROPHY AS PROGNOSTIC FACTOR AFTER KIDNEY TRANSPLANTATION: DOES PATTERN TYPE MATTER?**

Sergi Codina1; Ariel Tango1; Laura Martinez2; Manonelles Anna2; Marta Lepore2; Nuria Montero2; Alejandro Ruiz3; Oriol Bestard4; Josepmaria Cruzado5; Eduard Claver6; Edoardo Melilli7

1Renal Transplant Unit - Hospital de Bellvitge, Spain; 2Renal Transplant Unit Hospital de Bellvitge, Spain; 3Cardiology Department Hospital de Bellvitge, Spain

**EP004**

**SAFETY AND EFFICACY OF SOFOSBUVIR-BASED DIRECT-ACTING ANTIVIRAL AGENTS IN KIDNEY TRANSPLANT RECIPIENTS WITH HCV: A SYSTEMATIC REVIEW AND META-ANALYSIS**

Xianding Wang1; Ping Tan2; Xiang Tu3; Yang Qiu4; Turun Song4; Tao Lin4

1Department of Urology/Institute of Urology/Organ Transplantation Center, West China Hospital,Sichuan, China; 2Department of Urology/Institute of Urology, West China Hospital, Sichuan University, China; 3West China School of Clinical Medicine, Sichuan University, China; 4Department of Urology/Institute of Urology/Organ Transplantation Center, West China Hospital, Sichua, China

**EP005**

**DE-NOVO CANCERS AFTER KIDNEY TRANSPLANT: EVIDENCE FROM A INVESTIGATION IN A HIGH-USE MTOR INHIBITORS TRANSPLANT CENTER**

Ignacio Revuela1; Valeria Tubita1; Pierluca Piselli1; Diana Verdiro1; Federico Oppenheimer1; Fritz Diekmann2; Diego Serraino2; Josep M Campistol1

1Hospital Clinic. IDIBAPS, Spain; 2Renal Transplant Unit. Department of Nephrology and Kidney Transplant. Hospital Clinic. IDIBAPS, Spain; 3Dipartimento di Epidemiologia e Ricerca Pre-Clinica. INMI “L. Spallanzani” IRCCS, Italy; 4IRCCS Centro di Riferimento Oncologico, Aviano, Italy
17.50  **EP006**
RISK OF BK VIREMIA WITH EVEROLIMUS VERSUS MYCOPHENOLATE MOFETIL ADDED TO A DE NOVO BELATACEPT REGIMEN
David Wojciechowski; Sindhu Chandran; Christian Larsen; Mohamed Alseiari; Flavio Vincenti
1MGH, United States; 2UCSF, United States

17.51  **EP007**
A PHASE III, RANDOMIZED, NON-INFERIORITY STUDY COMPARING THE EFFICACY AND SAFETY OF MICAFUNGIN VS FLUCONAZOLE FOR PROPHYLAXIS OF INVASIVE FUNGAL INFECTIONS IN LIVING DONOR LIVER TRANSPLANT RECIPIENTS
Woohyoung Kang; Gi-Won Song; Sung-Gyu Lee; Namjoon Lee; Jaewon Joh; Dong-Lak Choi; Myung Soo Kim
1Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea; 2Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea; 3Seoul National University Hospital, Republic of Korea; 4Samsung Medical Center, Republic of Korea; 5Daegu Catholic University Medical Center, Republic of Korea; 6Severance Hospital, Republic of Korea

17.52  **EP008**
ONE-YEAR OUTCOMES OF A COHORT OF RENAL TRANSPLANT PATIENTS RELATED TO BMI IN A STEROID SPARING REGIMEN
Maria Irene Bellini; Kostas Koutroutsos; Jack Galliford; Paul Herbert
Imperial College NHS/Hammersmith Hospital/Renal Transplant, United Kingdom

17.53  **EP009**
CONTRIBUTING FACTORS AND IMPACT OF MICROBIAL CONTAMINATION IN HUMAN ISLET ISOLATION AND TRANSPLANTATION
Raphael Meier; Diego Andrey; Nadja Niclauss; Pamela Sun; Christian Van Delden; Benoit Bédat; Sandrine Demuylder-Mischler; Sophie Boro; Pierre-Yves Benhamou; Anne Wojtusciszyn; Nadine Pernin; Yannick Muller; Domenico Bosco; Thierry Berney
1Geneva University Hospital, Switzerland; 2Centre Hospitalier Universitaire Jean Minjoz, France; 3Grenoble University Hospital, France; 4Centre Hospitalier de Montpellier, France

17.54  **EP010**
MORTALITY PREDICTION IN RECIPIENTS WITH DIABETES MELLITUS AND END-STAGE RENAL FAILURE UNDERGOING SIMULTANEOUS PANCREAS-KIDNEY TRANSPLANT: A FOCUS ON CARDIOVASCULAR RISK FACTORS
Ekemini Ekpo; Petros Yiannoullou; Zia Moinuddin; Hussein Khambalia; Angela Summers; Titus Augustine; David Van Dellen
University Hospital Central Manchester (MRI), United Kingdom

17.55  **EP011**
NUTRITIONAL APPROACH FOR KIDNEY TRANSPLANT CANDIDATE: ONE-YEAR OUTCOME
Mikiko Yoshikawa; Michiko Takahashi; Takeshi Ishimura; Shinichi Nishi
1Kobe Graduate School of Medicine, Japan; 2Kobe Graduate School of Medicine, Japan

17.56  **EP012**
CARDIAC REMODELING IN STRUCTURE AND FUNCTION AT 6 MONTHS AFTER KIDNEY TRANSPLANTATION
Luis Garcia; Kriscia Hernandez; Hector Hinojosa; Jorge Barragan; Paola Prieto; Aldo Garcia; Alejandra Cicero; Arturo Reding; Diana Fernandez; Pedro Fragoso; Jose M. Torres; Hector Diliz
Hospital General de Mexico Dr. Eduardo Liceaga, Mexico
17.45 – 18.45  Brief oral sessions

17.45  **BOS01 Basic and translational immunology**

Chair(s): Henri Leuvenink, Groningen, The Netherlands

**Room 118 + 119**

17.45  **BO001**

**Expression of CXCR3 monocytes increases significantly in the graft blood compared to peripheral blood in patients with stable renal function**

Teresa Vázquez; Abelardo Caballero; Pedro Ruiz-Esteban; Eulalia Palma; Alberto Torio; Mercedes Cabello; Veronica Lopez; Ana Duarte; Juana Alonso-Titos; Cristina Jirondá; Domingo Hernandez

1Regional University Hospital of Malaga and University of Malaga. IBIMA. REDINREN (RD16/0009/0006), Spain; 2Complejo Hospitalario General Universitario de Albacete, Spain

17.49  **BO002**

**Rejection type associated compartmental differences of monocyte-macrophage kidney allograft infiltration**

T.P.P van den Bosch; Marian C. van Groningen; Farhad Rezaee; Dennis A. Hesselink; Daan Nieboer; Ewout W. Steyerberg; Carla C. Baan; Ajda T. Rowshani

Erasmus Medical Center, The Netherlands

17.53  **BO003**

**Bile duct regeneration and immune response by passenger lymphocytes signals biliary recovery versus complications after liver transplantation**

Stefan Brunner; Henrik Junger; Hans J. Schlitt; Edward Geissler; Stefan Fichtner-Feigl

1University Medical Center Regensburg, Germany; 2University Medical Center Freiburg, Germany

17.57  **BO004**

**Anti-HLA antibodies in pooled human serum do not prevent development of human regulatory macrophages from monocytes in culture**

James Hutchinson; Paloma Riquelme; Christian Bach; Edward Geissler; Norbert Ahrens

1University Hospital Regensburg, Germany; 2University Hospital Erlangen, Germany

18.01  **BO005**

**Pathogenic role of anti-HLA antibodies on endothelial progenitor cell dysfunction in highly sensitized kidney transplant recipients**

Vincenzo Cantaluppi; Davide Medica; Alessandro Domenico Quercia; Guido Merlotti; Marco Quaglia; Andrea Airolò; Michele Battista; Martina Mazzariol; Simone Cortazzi; Giuseppe Castellano; Luigi Biancone

1SCDU Nephrology and Renal Transplant Unit, University of Eastern Piedmont, AOU “Maggiore della Carità, Italy; 2“A. Vercellone” Kidney Transplantation Unit and Centre for Experimental Medical Research (CeRMS), Un, Italy; 3Nephrology, Dialysis and Renal Transplant Unit, University “Aldo Moro”, Bari, Italy, Italy

18.05  **BO006**

**HLA-DQ alloantibodies and persistent inflammation synergize to disrupt endothelial cell-mediated expansion of regulatory T lymphocytes**

Amy Cross; Julien Lion; Karine Poussin; Jean-Luc Taupin; Denis Glotz; Nuala Mooney

1INSERM UMRS 1160, Institut Universitaire d’Hématologie, Paris, France; 2Service de Néphrologie et Transplantation, Hopital Saint Louis, Paris, France; 3INSERM UMRS 1160, Institut Universitaire d’Hématologie, Paris & LabEx Transplantex, Université de St, France

18.09  **BO007**

**Effect of allogeneic mesenchymal stem cells on immune rejection against xenogeneic chondrocytes injected in the rat joint**

Maribel Marquina; Javier A Collado; Magdél Pérez-Cruz; Pablo Fernández-Pernas; Juan Fafián-Labora; Francisco J. Blanco; Rafael Maríez; María C. Arufe; Cristina Costa

1Bellvitge Biomedical Research Institute (IDIBELL), Spain; 2Department of Medicine, Instituto de Investigación Biomédica de A Coruña (INIBIC), Spain; 3Servicio de Reumatología, Instituto de Investigación Biomédica de A Coruña (INIBIC), Spain
18.13 BOO08 CD16/FcγR PROFILING ALLOWS NON INVASIVE APPRAISAL OF ANTIBODY-DEPENDENT NK CELL ALLOREACTIONAL POTENTIAL IN HEART AND KIDNEY TRANSPLANT RECIPIENTS

Christophe Picard1; Emmanuelle Sampo2; Tristan Legris1; Luc Lyonnet3; Julie DiCristofaro1; Guillaume Lan3; Valerie Moal1; Laurent Daniel1; Stephane Burtey1; Francoise Dignat George6; Florence Sabatier5; Bertrand Dusso1; Annick Mouly-Bandin9; Pascale Paul10

1Etablissement Français du Sang, Alpes Méditerranée, Aix-Marseille Université, CNRS, EFS, ADES UMR 72, France; 2Assistance Publique Hopitaux de Marseille, Pharmacokinetics Department, Marseille, France; 3Assistance Publique Hopitaux de Marseille, Nephrology Dialysis Renal Transplantation Center, Hôpital, France; 4Assistance Publique Hopitaux de Marseille, Hematology Vascular Biology and Cell Therapy department, France; 5Assistance Publique Hopitaux de Marseille, Laboratory for Anatomy, Pathology, Neuropathology, Marse, France; 6INSERM1076, Hematology department AP-HM, Hôpital de la Conception, France; 7Assistance Publique Hopitaux de Marseille, Cell Therapy department, CIC-1409 LCTCHôpital de la Conce, France; 8Assistance Publique Hopitaux de Marseille, Nephrology Dialysis Renal Transplantation Center, CIC Hop, France; 9Assistance Publique Hopitaux de Marseille, Adult Cardiac Transplantation Unit, Hôpital de la Timone, France; 10INSERM U1076/Aix Marseille University/ Assistance Publique Hopitaux de Marseille, France

18.17 BOO09 DUAL TREATMENT OF SUBOPTIMAL DOES OF CSA AND MSC INFUSION FULLY PREVENTS ACUTE REJECTION IN AN ALLOGENIC MODEL OF RENAL TRANSPLANTATION

Laura de Ramon1; Jordi Guiteras1; Ana Merino1; Elia Ripoll1; Nuria Bolaños1; Montse Gomà2; Josep Maria Cruzado1; Josep Maria Grinyó1; Juan Torras3

1IDIBELL-experimental nephrology, Spain; 2Hospital Universitari Bellvitge-Pathology Department, Spain; 3IDIBELL- Hospital Universitari Bellvitge-Nephrology, Spain

18.21 BOO10 USING INTRAVOXEL INCOHERENT MOTION MR IMAGING AND BLOOD OXYGEN LEVEL-DEPENDENT MR IMAGING TO EVALUATE RAT ACUTE ALLOGRAFT REJECTION MODEL

Song Zeng; Xiaopeng Hu

Beijing Chao-Yang Hospital, China

18.25 BOO11 DIFFERENT KINETICS OF HEPATOCYTE AND CHOLANGIOCYTE REGENERATION BY RECIPIENT EPITHELIAL (STEM) CELLS AFTER LIVER TRANSPLANTATION

Floris Roos; Jasmijn Selten; Wojtek Polak; Monique Verstegen; Hein Sleddens; Michael Doukas; Herold Metselaar; Jan IJzermans; Luc van der Laan

Erasmus Medical Center, The Netherlands

18.29 BOO12 MOLECULAR CORRELATES OF ENDOTHELIAL MTOR ACTIVATION IN HEART TRANSPLANT RECIPIENTS

Maud Racapé1; Jean-Paul Duong Van Huyen2; Alexandre Loupy2; Patrick Bruneval3; Philip Halloran4

1Paris Translational Research Center for Organ Transplantation, France; 2Hôpital Necker, France; 3Hôpital Européen Georges Pompidou, France; 4Department of Medicine, Division of Nephrology and Transplant Immunology, University of Alberta, Canada

18.33 BOO13 MYD88 SIGNALING IN TREGS IS REQUIRED FOR DIFFERENTIATION INDUCED BY ALLOGENETIC SERTOLI CELLS

Lin Xie1; Dan Hu2; Xia Huang1; Kang Wang1

1; 2Department of Neurology, Renmin Hospital of Wuhan University, China; 3Institute of Organ Transplantation, Tongji Hospital,HUST, China; 4Institute of Organ Transplantation, Tongji Hospital, HUST, China

18.37 BOO14 HYPOTHERMIC OXYGENATED PERFUSION (HOPE) - A SIMPLE AND EFFECTIVE METHOD TO MODULATE THE IMMUNE RESPONSE FOLLOWING KIDNEY TRANSPLANTATION

Philipp Kron; Andrea Schlegel; Olivier de Rougemont; Christian Oberkofler; Pierre- Alain Clavien; Philipp Dutkowsk

University Hospital Zurich, Switzerland
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<td>17.45</td>
<td>BO02</td>
<td>Living kidney donation</td>
<td>Rachel Hilton, London, United Kingdom</td>
<td>Room 120 + 121</td>
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<tr>
<td>17.45</td>
<td>BO05</td>
<td>ALTRUISTIC NON-DIRECTED LIVING KIDNEY DONATION: TRANSFORMING LIVING DONOR KIDNEY TRANSPLANTATION IN THE UK</td>
<td>Lisa Burnapp¹, Rachel Johnson¹, Chris Watson²</td>
<td>¹NHS Blood and Transplant, United Kingdom; ²Addenbrooke's Hospital, United Kingdom</td>
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<td>17.49</td>
<td>BO06</td>
<td>SHORT TERM POSTOPERATIVE OUTCOMES IN LIVING DONOR KIDNEY TRANSPLANT DONORS</td>
<td>Lukas Unger; Joy Feka; Philipp Sabler; Susanne Rasoul-Rockenschaub; Georg Györi; Michael Hofmann; Christoph Schwarz; Thomas Soliman; Andreas Salat; Gabriela Berlakovich Medical University of Vienna, Austria</td>
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<td>17.53</td>
<td>BO07</td>
<td>RATE OF KIDNEY FUNCTION DECLINES MORE IN KIDNEY DONORS AGED OVER 65 YEARS</td>
<td>Ayumi Ishiwatari¹, Jumpei Hasegawa¹, Hiroki Shirakawa¹, Sachiko Wakai¹, Kazunari Tanabe²</td>
<td>¹Ohkubo Hospital, Japan; ²Tokyo Women's Medical University, Japan</td>
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<tr>
<td>17.57</td>
<td>BO08</td>
<td>RADIOISOTOPIC EVALUATION OF RENAL FUNCTION IN KIDNEY TRANSPLANT DONORS AFTER NEPHRECTOMY FOR DETECTION OF EARLY AKI AND LONG TERM COMPENSATORY RENAL HYPERTROPHY</td>
<td>Gabriele Guglielmetti¹, Marta Mora¹, Angelo Nappi¹, Federica Orsini², Gian Mauro Sacchetti², Vincenzo Cantaluppi²</td>
<td>¹Nephrology and Kidney Transplantation Unit, Department of Translational Medicine, University of East, Italy; ²Nuclear Medicine Unit, &quot;Maggiore della Carità&quot; University Hospital, Italy</td>
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<td>18.01</td>
<td>BO09</td>
<td>SHOULD KIDNEY TRANSPLANTATION BE DONE FROM ELDERLY DONORS?</td>
<td>Vural Taner Yilmaz¹; Huseyin Kocak², Gultekin Suleymanlar², Ramazan Cetinkaya³, Abdulkadir Kisaoglu³, Bulent Aydintürk⁴</td>
<td>¹Akdeniz University Medical School Department of Internal Medicine Division of Nephrology, Turkey; ²Akdeniz University Medical School, Department of Internal Medicine, Division of Nephrology, Turkey; ³Akdeniz University Medical School, Department of General Surgery, Turkey; ⁴Akdeniz University Medical School, Department of General Surgery, Turkey</td>
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<td>18.05</td>
<td>BO10</td>
<td>MARGINAL FACTORS AFFECT THE POSTOPERATIVE KIDNEY FUNCTION OF COMPLEX LIVING DONORS FOR KIDNEY TRANSPLANTATION</td>
<td>Takahisa Hiramitsu, Kenta Futamura, Manabu Okada, Makoto Tsujita, Norihiko Goto, Toshihiro Ichimori, Shunji Narumi, Yoshihiro Watarai</td>
<td>Nagoya Daini Red Cross Hospital, Japan</td>
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<td>18.09</td>
<td>BO11</td>
<td>DOES THE LOW BIRTH WEIGHT HAVE AN IMPACT ON LIVING KIDNEY DONORS OUTCOMES?</td>
<td>Kalina Jędrzejko¹, Rafal Kieszek², Frank Dor³, Magdalena Kwapisz³, Artur Kwiatkowski²</td>
<td>¹Infant Jesus Teaching Hospital, Poland; ²Imperial College Renal and Transplant Centre, Hammersmith Hospital, United Kingdom</td>
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<td>18.13</td>
<td>BO12</td>
<td>LEFT-SIDED DONOR NEPHRECTOMY PREDISPOSES LIVING KIDNEY DONORS TO LATENT ADRENAL INSUFFICIENCY WITH SYMPTOMS OF FATIGUE AND INFERIOR QUALITY OF LIFE</td>
<td>Thomas Schachtner, Petra Reinke</td>
<td>Charite Campus Virchow Clinic, Germany</td>
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BO023 GLOBAL KIDNEY EXCHANGE: A CASE STUDY
Siegfredo Paloyo1; Ty Dunn2; Christian Kuhn3; Christopher Marsh4; Jeffrey Rogers5; Susan Rees6; Alejandro Cicero7; Laurie Reece8; Alvin Roth9; Obi Ekwenna9; David Fumo9; Kimberly Krawiec10; Jonathan Kopke6; Sammy Jain9; Miguel Tan11; Michael Rees9
1University of the Philippines-Philippine General Hospital; 2University of Minnesota, United States; 3Virginia Mason Medical Center, United States; 4Scripps Green Hospital, United States; 5Wake Forest Baptist Medical Center, United States; 6Alliance for Paired Donation, United States; 7ABC Medical Center, United States; 8Stanford University, United States; 9University of Toledo Medical Center, United States; 10Duke University, United States; 11Piedmont Hospital, United States

BO024 THE EVALUATION OF LONG-TERM RISK OF RENAL FAILURE FOR LIVING KIDNEY DONOR
Magdalena Kwapisz1; Rafał Kieszek1; Kalina Jędrejko1; Jolanta Gozdowska1; Artur Kwiatkowski1
1Górski Transplantation Institute, Medical University of Warsaw, Department of General and Transplantation Medicine, Poland

BO025 INTEGRATION OF KIDNEY-EXCHANGE, (UN)SPECIFIED LIVING DONOR TRANSPLANTATION, ABO INCOMPATIBLE AND DESENSITISATION PROGRAMS IN A COMPUTERIZED ALLOCATION PROGRAM: A SIMULATION
Marry de Klerk1; Judith Kal-van Gestel1; Sandra Middel-de Sterke1; Jacqueline Wetering van de1; Marcia Kho1; Michiel Betjes1; Willij Zuidema1; Dave Roelen2; Kristaiaan Glorie2; Joke Roodnat2
1Erasmus Medical Center, The Netherlands; 2Leiden University Medical Center LUMC, The Netherlands

BO026 A CLINICAL OUTCOMES IN RECIPIENTS OF LIVING DONOR KIDNEY TRANSPLANTS FROM ELDERLY DONORS: A SINGLE CENTER EXPERIENCE
Takayoshi Yokoyama; Yu Kihara; Osamu Konno; Yuki Nakamura; Hitoshi Iwamoto; Shigeyuki Kawachi
Tokyo Medical University Hachioji Medical Center Transplant Surgery, Japan

BO027 THE INVESTIGATION AND OUTCOME OF LIVING KIDNEY DONORS WITH NON-VISIBLE HAEMATURIA: A 6-YEAR SINGLE CENTRE EXPERIENCE
Ammar Almidani; Gareth Jones; Peter Dupont; Neal Banga
Royal Free Hospital London NHS Trust, United Kingdom

BO028 IMPACT OF THE POST-TRANSPLANT RECIPIENT’S EVOLUTION IN THE QUALITY OF LIFE OF LIVING KIDNEY DONORS
Nuria Avinyo1; Ana Menjivar1; Xavier Torres2; David Paredes2; Marti Manyalich2; Fritz Diekmann2
1Fundacio Clinic, Spain; 2Hospital Clinic of Barcelona, Spain
BO030
COMPARATIVE STUDY ON THE ISOLATION OF URINARY EXOSOMES USING DIFFERENT METHODS TO DISCOVER NOVEL KIDNEY REJECTION BIOMARKERS
Andrea Carraro1; Susanna Negrisolo2; Giulia Fregonese3; Elisa Benetti1; Piera De Gaspari2; Luisa Murer1
1University Hospital of Padova, Pediatric Nephrology, Dialysis and Transplant Unit, Department of Wom, Italy; 2Institute of Pediatric Research, Città della Speranza, Italy

BO031
SCLEROSTIN IS NOT ASSOCIATED WITH CARDIOVASCULAR EVENTS IN KIDNEY TRANSPLANTATION CANDIDATES
Hanne Skou Jørgensen1; Simon Winther2; Morten Bøttcher3; Laust Dupont Rasmussen1; Lars Rejmark6; Ellen-Margrethe Hauge4; My Svensson5; Per Ivarsen1
1Kidney Diseases, Aarhus University Hospital, Denmark; 2Cardiology, Aarhus University Hospital, Denmark; 3Internal Medicine, Hospital Unit West, Heming, Denmark; 4Endocrinology and Internal Medicine, Aarhus University Hospital, Denmark; 5Rheumatology, Aarhus University Hospital, Denmark; 6Nephrology, Division of Medicine, Akershus University Hospital, Oslo, Norway

BO032
IGG HYPOGAMMAGLOBULINEMIA: A RISK FACTOR OF CMV INFECTION IN A MULTICENTER STUDY IN KIDNEY TRANSPLANTATION
Elizabeth Sarmiento1; Maria Luisa Rodriguez-Ferrero1; Marcos Lopez-Hoyos2; Boris Karanovic2; Manuel Arias2; Emili Rodrigo2; Fernando Anaya1; Patricia Muñoz2; Alia Eworo1; Joaquin Navarro1; Pilar Catalan1; Javier Carbone4
1Hospital General Universitario Gregorio Marañon. Madrid, Spain; 2Hospital Universitario Marques de Valdecilla, Santander, Spain; 3Division of Clinical Immunology and Rheumatology, University Hospital Centre Zagreb, Croatia; 4Hospital General Universitario Gregorio Marañon. Complutense Universify. Madrid, Spain

BO033
A RAPID AND SUSTAINED IMPROVEMENT OF CALCIFICATION PROPENSITY SCORE (SERUM T50) AFTER SUCCESSFUL KIDNEY TRANSPLANTATION: RE-ANALYSIS OF A RANDOMISED CONTROLLED CLINICAL TRIAL OF IBANDRONATE
Knut Smerud1; Anders Åsberg2; Håkon Kile1; Andreas Pasch3; Dag Olav Dahle2; Jens Bollerslev4; Kristin Godang5; Anders Hartmann6
1Smerud Medical Research International AS, Norway; 2Department of Transplantation Medicine, Oslo University Hospital, Rikshospitalet, Norway; 3Calciscon AG, Switzerland; 4Institute of Clinical Medicine, Faculty of Medicine, University of Oslo, Norway; 5Section of Specialized Endocrinology, Department of Endocrinology, Oslo University Hospital, Rikshos, Norway

BO034
SOLUBLE TIM-3 IS ASSOCIATED WITH RENAL FUNCTION IN RENAL TRANSPLANT RECIPIENTS
Ya-Mei Li1; Yi Li; Yun-Ying Shi1; Yang-Juan Bai1; Xiao-Juan Wu1; Bei Cai1; Lan-Lan Wang1
1Department of Laboratory Medicine/Research Centre of Clinical Laboratory Medicine, West China Hospit, China; 2Department of Nephrology, West China Hospital of Sichuan University, China

BO035
FP7 BIOMARGIN SHOWS THAT A SMALL SET OF BLOOD MICRO-RNAs IS ASSOCIATED WITH ACUTE KIDNEY ALLOGRAFTS REJECTION
Claire Tinel1; Aurélien Benon1; Stéphane Gazut2; Maarten Naesens3; Wilfried Gwinner4; Marie Essig5; Pierre Marquet6; Dany Anglicheau7
1Necker Hospital, France; 2CEA, France; 3KU Leuven, Belgium; 4MH Hannover, Germany; 5Limoges University Hospital, France; 6Limoges University, France
18.13 BO036
A GLYCOMIC BASED SERUM MARKER ANALYSED ON POSTOPERATIVE DAY 7 AFTER LIVER TRANSPLANTATION IS AN INDEPENDENT PREDICTOR OF GRAFT AND PATIENT SURVIVAL DURING THE FIRST YEAR AFTER LIVER TRANSPLANTATION
Xavier Verhelst¹; Anja Geerts¹; Xavier Rogiers¹; Aude Vanlander¹; Frederik Berreveot¹; Nico Callewaert¹; Roberto Troisi¹; Hans Van Vlierberghe¹
¹Ghent University Hospital, Belgium; ²Medical Biotechnology Center VIB, Belgium

18.17 BO037
A HIGH NUMBER OF REGULATORY T CELLS IN PERIPHERAL BLOOD AT 1 YEAR AFTER KIDNEY TRANSPLANTATION IS AN INDEPENDENT PREDICTOR OF LONG-TERM GRAFT SURVIVAL
Luis Humberto Galvan Espinoza¹; David San Segundo Arribas¹; Emilio Rodrigo Calabía¹; Juan Irure Ventura¹; Juan Carlos Ruiz San Millán¹; Gema Fernandez Fresneda¹; Esther Asensio³; Jairo Bada Da Silva¹; Lara Belmar¹; Marcos Lopez Hoyos¹
¹Nephrology Service, University Hospital Marqués de Valdecilla, Santander, Spain; ²Immunology Service, University Hospital Marqués de Valdecilla, Santander, Spain

18.21 BO038
FP7 BIOMARGIN SHOWS THAT SMALL SETS OF INTRA-GRAFT MICRORNAS ARE STRONGLY ASSOCIATED WITH RENAL ALLOGRAFT LESIONS
Claire Tinel¹; Aurelien Benon¹; Stéphane Gazut¹; Maarten Naesens²; Wilfried Gwinner³; Marie Essig⁴; Pierre Marquet⁵; Dany Anglicheau¹
¹Necker Hospital, France; ²CEA, France; ³KU Leuven, Belgium; ⁴MH Hannover, Germany; ⁵Limoges University Hospital, France; ⁶Limoges University, France

18.25 BO039
CELL-FREE MICRORNAS IN KIDNEY GRAFT PRESERVATION FLUID AS NOVEL BIOMARKERS FOR DELAYED GRAFT FUNCTION
Henk P. Roest¹; Liselotte S.S. Ooms¹; Ad J.M. Gillis³; Jan N.M. IJzermans¹; Leendert J.H. Looijenga²; Frank J.M.F. Dor³; Luc J.W. van der Laan²
¹Erasmus Medical Center - Dept of Surgery, The Netherlands; ²Erasmus Medical Center, Dept of Pathology, The Netherlands

18.29 BO040
NEUTROPENIA IN KIDNEY AND LIVER TRANSPLANT RECIPIENTS: RISK FACTORS AND OUTCOMES
T. Mavrakanas¹; M.A. Fournier²; S. Clairoux³; J.A. Amiel³; M.E. Tremblay⁴; D.C. Vinh⁵; C. Coursof⁶; D.J.G. Thirion³; M. Cantarovich¹
¹Division of Nephrology, Multi-Organ Transplant Program, McGill University Health Center, Canada; ²Department of Pharmacy, University of Montreal Hospital Centre, Canada; ³Faculty of Pharmacy, University of Montreal and McGill University Health Center, Canada; ⁴Department of Pharmacy, St-Justine Hospital, Montreal, Canada; ⁵Division of Infectious Diseases, McGill University Health Center, Canada; ⁶Department of Pharmacy, McGill University Health Center, Canada

18.33 BO041
THE BALANCE BETWEEN INTERLEUKIN 17-SECRETING T HELPER CELLS AND REGULATORY T CELLS AFTER RENAL TRANSPLANTATION: RELATION TO GRAFT FUNCTION AND SURVIVAL
Hayam El Aggan¹; Nahla Farahat²; Mohamed Emara²
¹Alexandria University, Faculty of Medicine, Department of Medicine, Egypt; ²University of Alexandria, Faculty of Medicine, Department of Clinical and Chemical Pathology, Egypt; ³University of Alexandria, Alexandria University Students Hospital, Egypt

18.37 BO042
IMPACT OF CYTOKINE GENE POLYMORPHISM ON CLINICAL OUTCOME OF RENAL TRANSPLANTATION
Isabel Perez Flores¹; Jose Luis Santiago²; Natividad Calvo Romero¹; Beatriz Rodriguez Cubillo¹; M. Angeles Moreno De La Higuera¹; Elena Urcelay²; Ana Sanchez Fructuoso¹
¹Hospital Clinico San Carlos, Spain; ²UCG Immunology, Hospital Clinico San Carlos, Spain
17.45 - 18.45  **BOS04**  Malignancies after transplantation  
**Chair(s):** Fritz Diekmann, Barcelona, Spain

17.54  **BO043**  NEOPLASTIC RISK DONORS IN THE EMILIA-ROMAGNA REGION: THE TIMES THEY ARE A CHANGIN'  
**Carlo De Cillia:** Tiziana Campione; Gabriela Sangiorgi  
Emilia-Romagna Transplant Reference Centre, Italy

17.49  **BO044**  PRE-TRANSPLANT MALIGNANCY ON KIDNEY TRANSPLANT RECIPIENTS IS NOT ASSOCIATED TO THE INCIDENCE OF POST-TRANSPLANT MALIGNANCY  
**Tae Hyun Ban:** Ji Won Min; Byung Ha Chung; Bum Soon Choi; Cheol Whee Park  
Yong-Soo Kim; Chul Woo Yang  
1. Seoul St. Mary’s Hospital, Republic of Korea; 2. Bucheon St. Mary’s Hospital, Republic of Korea

17.53  **BO045**  RISK FACTORS FOR NONMALENOMA SKIN CANCER AFTER LUNG TRANSPLANTATION  
**Nikolai Sikora:** Mareike Leffler; Jens Gottlieb; Jan Fuge; Martin Strube; Gregor Warnecke; Ralf Gutzmer; Imke Satzger  
1. Department of Dermatology, Allergy and Venereology, Skin Cancer Center Hannover, Hannover Medical Sc, Germany; 2. Department of Respiratory Medicine, Hannover Medical School, Hannover, Germany; 3. Richard DeVos Heart & Lung Transplant Program, Frederik Meijer Heart & Vascular Institute, Grand Rap, United States; 4. Department of Cardiac, Thoracic, Transplantation and Vascular Surgery, Hannover Medical School, Hann, Germany

17.57  **BO046**  PREVALENCE AND SURVIVAL OF CANCER AFTER PANCREAS-KIDNEY TRANSPLANTATION  
**Victoria Pendon-Ruiz de Mier:** MLuisa Aguera; Dolores Navarro; Alberto Rodriguez-Benot; Pedro Aljama  
H Unv Reina Sofia, Spain

18.01  **BO047**  DESENSITIZATION PROTOCOL IN LIVING DONOR KIDNEY TRANSPLANTATION DOES NOT INCREASE THE RISK OF CANCER  
**Elena Cuadrado:** Valeria Tubit; Erika De Sousa; Pierluca Piselli; Eduard Palou; Miguel Lozano; Diego Serrano; Josep M Campistol; Federico Oppenheimer; Fritz Diekmann; Ignacio Revuelta  
1. Renal Transplant Unit. Department of Nephrology and Kidney Transplant. Hospital Clinic, Spain; 2. IDIBAPS, Spain; 3. Renal Transplant Unit. Department of Nephrology and Kidney Transplant, Spain; 4. Dipartimento di Epidemiologia e Ricerca Pre-Clinica. INMI “L. Spallanzani” IRCCC., Italy; 5. Department of Immunology. Hospital Clinic, Spain; 6. Department of Apheresis. Hospital Clinic, Spain; 7. IRCCS Centro di Riferimento Oncologico, Aviano, Italy; 8. Renal Transplant Unit. Department of Nephrology and Kidney Transplant. Hospital Clinic, Spain; 9. Renal Transplant Unit. Department of Nephrology and Kidney Transplant. Hospital Clinic. IDIBAPS, Spain

18.05  **BO048**  IS LOW / INTERMEDIATE RISK PROSTATE CANCER STILL A CONTRAINDICATION FOR RENAL TRANSPLANT?  
**Andrew Vicens-Morton:** Hide Yamamoto; Oussama Elhage; Rhana Zakri; Rick Popert; Ben Challacombe; Paul Cathcart; Prokar Dasgupta; Jonathon Olsworth  
1. Guy’s and St Thomas NHS Trust, United Kingdom; 2. Guy’s and St Thomas NHS Trust, United Kingdom

18.09  **BO049**  HCC RECURRENCE AFTER LIVER TRANSPLANTATION: RISK FACTORS, CHARACTERISTICS AND OUTCOME  
**Faouzi Saliba:** Aline Younes; Vincent Karam; Hidetoshi Nitta; Rodolphe Sobesky; Eric Vibert; Audrey Coilly; Gabriella Pittau-Pedicone; Oriana Ciacio; Daniel Cherqui; Didier Samuel; René Adam  
1. APHP Hospital Paul Brousse, France; 2. AP-HP Hôpital Paul Brousse, Hepato-Biliary Centre, Villejuif-France, France
18.13  **BO050**  
**IMAGE-GUIDED THERMAL ABLATION IN DE NOVO RENAL TUMORS ARISING IN KIDNEY ALLOGRAFT: A TWO CASE REPORT**  
Gionata Spagnoletti¹; Flavia De Gennaro₁; Maria Paola Salerno₁; Roberto Iezzi²; Jacopo Romagnoli¹; Franco Citterio¹  
¹Renal Transplant Unit, Università Cattolica del Sacro Cuore, Roma, Italy; ²Department of Bioimaging, Institute of Radiology, Università Cattolica del Sacro Cuore, Roma, Italy  

18.17  **BO051**  
**PREDICTION OF SALVAGE LIVER TRANSPLANTATION FOR HCC RECURRENCE: WHEN AND WHICH PATIENT SHOULD WE DECIDE TRANSPLANT?**  
Yuzo Umeda; Takahito Yagi; Ryuichi Yoshida; Daisuke Nobuoka; Takashi Kuise; Kenjiro Kumano; Takeshi Koujima; Kosei Takagi; Takeshi Nagasaka; Toshiyoshi Fujiwara  
Okayama University, Japan  

18.21  **BO052**  
**LOSS OF REGULATORY ANTI-ANGIOGENIC PROTEASE ACTIVATED RECEPTOR-1 (PAR-1) ANTIBODIES ASSOCIATE WITH THE DEVELOPMENT OF METASTATIC CANCER POST RENAL TRANSPLANTATION AND PATIENT DEATH**  
Duska Dragun¹; Robert Carroll²; Isa Schramm³; Michele Simon¹; Oskar Wischnewski¹; Angelika Kusch¹; Aurelie Philippe²; Rusan Catar¹  
¹Clinic for Nephrology and Critical Care Medicine, Campus Virchow-Klinikum, Charité Berlin Germany an, Germany; ²Royal Adelaide Hospital, Centre for Experimental Transplantation - Adelaide, Australia, Australia; ³Clinic for Nephrology and Critical Care Medicine, Campus Virchow-Klinikum, Charité Berlin Germany, Germany  

18.25  **BO053**  
**GASTROINTESTINAL STROMAL TUMOR DIAGNOSED DURING DONOR PROCUREMENT: DESCRIPTION OF 5 CASES FROM A SINGLE INSTITUTION**  
Luca Novelli¹; Camilla Eva Comin¹; Chiara Caporalini²  
¹Institute of Histopathology and Molecular Diagnosis, Italy; ²Pathology Unit, A. Meyer Children’s University Hospital, Florence, Italy  

18.29  **BO054**  
**MALIGNANCIES AFTER KIDNEY TRANSPLANTATIONS AT THE OSAKA UNIVERSITY TRANSPLANT GROUP**  
Ryoichi Imamura¹; Koichi Tsutahara²; Kazuaki Yamanaka³; Shigeaki Nakazawa³; Toyofumi Abe³; Yoichi Kakuta³; Naotsugu Ichimaru³; Kenji Nishimura³; Seiji Yamaguchi³; Shiro Takahara³; Norio Nonomura³  
¹Department of Urology Osaka University Graduate School of Medicine, Japan; ²Osaka General Medical Center, Japan; ³Hyogo Prefectural Nishinomiya Hospital, Japan; ⁴Osaka University Graduate School of Medicine, Japan  

18.33  **BO055**  
**IS THERE ANY DIFFERENCE BETWEEN ABO-INCOMPATIBLE AND ABO-COMPATIBLE LIVER TRANSPLANTATION?; ONCOLOGIC ASPECT.**  
Jee Youn Lee¹; Juhan Lee¹; Hyung Soon Lee³; Jung Jun Lee¹; Jae Geun Lee¹; Su-Kyung Kwon¹; Myoung Soo Kim¹; Soon Il Kim¹; Dong Jin Joo¹  
¹Yonsei collage of medicine/Severance hospital/, Republic of Korea; ²National Health Insurance Service Ilsan Hospital, Republic of Korea; ³CHA Bungdang Medical Center, CHA University, Republic of Korea  

18.37  **BO056**  
**LIVER TRANSPLANTATION IN A SERIES OF THE 22 PATIENTS WITH UNRESECTABLE BILATERAL NEUROENDOCRINE METASTASES**  
Francisco Sanchez-Bueno¹; Ricardo Robles²; Pablo Ramirez²; Jose Manuel Rodriguez²; Francisco Acosta³; Jose Antonio Pons³; Pedro Gil³; Pascual Parrilla²  
¹Hospital Clinico Universitario Virgen De La Arrixaca, Spain; ²Hospital Arrixaca, Spain
17.45 - 18.45

**BOS05** World-wide strategies to increase the donor pool

Chair(s): Nuria Masnou, Girona, Spain

**BOS05**


Faisal Shaheen; Besher Al Attar; Mohamed Kamal Ahmed; Paul Mark Follero

Saudi Center for Organ Transplantation, Saudi Arabia

**BOS058**

**THE FIRST YEARS OF EXPERIENCE WITH STAND-ALONE ORGAN PROCUREMENT TEAM ERASMUS MC ROTTERDAM**

Marion Hoeven van der; Hanneke Hagenaars; Jeroen de Jonge; Jan Jezermans

Erasmus MC, The Netherlands

17.53

**BOS059**

**DEVELOPMENT OF KEY INTERVENTIONS AND QUALITY INDICATORS FOR THE MANAGEMENT OF AN ADULT POTENTIAL DONOR AFTER BRAIN DEATH: A RAND MODIFIED DELPHI APPROACH**

Pieter Hoste¹; Eric Hoste¹; Patrick Ferdinande²; Dirk Vogelaers¹; Ann Van Hecke¹; Xavier Rogiers¹; Kristof Eecklo⁵⁶; Kris Vanhaecht⁵⁶; Koenraad Vandewoude⁵⁶

¹Ghent University Hospital, Belgium; ²University Hospitals Leuven, Belgium

17.57

**BOS060**

**THE NORTHERN LIVER ALLIANCE (NLA): SUPRA-REGIONAL PRIORITISATION BY SEVERITY**

Abdullah K Malik¹; Agne Zarankaite¹; Elisa Allen²; Steven Masson³; Mark Hudson³; Murat Akyol⁴; James Powell⁵; Ernest Hidalgo⁶; Magdy Attila⁷; Derek M Manas⁷

¹Newcastle University, United Kingdom; ²NHSBT, United Kingdom; ³Newcastle upon Tyne Hospitals, United Kingdom; ⁴Royal Infirmary of Edinburgh, United Kingdom; ⁵Leeds Teaching Hospitals Trust, United Kingdom

18.01

**BOS061**

**TEN YEARS OF A VIGILANCE SYSTEM FOR ORGANS, TISSUES AND CELLS IN ANDALUSIA, A SPANISH REGION OF 8.4 MILLION INHABITANTS**

Antonia Alvarez; Pablo Castro de la Nuez; Jesús Huet Ruiz-Matas; Concepción Diaz-Aunión; Manuel Alonso Gil

Regional Transplant Organisation of Andalusia, Spain

18.05

**BOS062**

**BRAIN DEATH AND DONOR MANAGEMENT DURING 13 YEARS IN AKDENIZ UNIVERSITY**

Özlem Çakın¹; Ayça Gümüş²; Murat Yılmaz¹; Melike Cengiz³; Nilgün Keçecioğlu³; Atilla Ramazanoğlu³

¹Akdeniz University Hospital, Anesthesiology and ICU Department, Turkey; ²Akdeniz University Hospital, Organ Transplantation Center, Turkey

18.09

**BOS063**

**SPLIT LIVER TRANSPLANTATION CAN REDUCE MORTALITY ON WAITING LIST: 4 YEARS OF THE CZECH NATIONAL SPLIT LIVER PROGRAM**

Jiří Fronek¹; Libor Janousek¹; Matej Kocik¹; Marek Kysela¹; Pavel Trunecka²

¹Transplant Surgery Department, Institute for Clinical and Experimental Medicine (IKEM) Prague, Czech Republic; ²Hepatology Department, Institute for Clinical and Experimental Medicine (IKEM) Prague, Czech Republic

18.13

**BOS064**

**SPANISH MEDICAL STUDENTS AND DECEASED ORGAN DONATION**

Maria Theodosopoulou¹; Daniel Casanova²; Frank Dor³; Tharios Athanasiou³; Charles Pusey³; George Baskozos³; Raquel Perez Barquin³; Vassilios Papalois³

¹Imperial College London, United Kingdom; ²University of Cantabria, Spain; ³Imperial College Healthcare NHS Trust, United Kingdom; ⁴University of Oxford, United Kingdom
18.17 BO065
THE SURGICAL APPROACH TOWARDS DCD LIVER PROCUREMENT: RESULTS OF AN ONLINE SURVEY
M. van Reeven¹; J. Pirenne²; P. Muiesan³; C. Fondevila⁴; J.N.M. IJzermans⁴; W.G. Polak⁴
¹Division of Hepatobiliary and Transplantation Surgery, Dept. of Surgery, Erasmus University, The Netherlands; ²Division of Abdominal Surgery and Transplantation, Dept. of Surgery, University Hospital of Leuven, Belgium; ³The Liver Unit, Queen Elizabeth Hospital Birmingham, United Kingdom; ⁴Division of Hepatobiliary Surgery & Liver Transplant, Dept. of Surgery, Hospital Clinic de Barcelona, Spain

18.21 BO066
HOW THE RATE OF ORGAN DONATION INCREASED AGAIN IN IRAN
Omid Ghobadi¹; Keyhan Hadisadegh¹; Sanaz Dehghan²; Sayed Ghaseem Hashemian¹; Katayoun Najafizadeh¹
¹Iranian Society of Organ Donation, Tehran, Iran; ²Organ Donation and Procurement Unit of Tehran University of Medical Sciences, Sina Hospital, Tehran, Iran

18.25 BO067
IMPACT STUDY OF THE EUROPEAN-MEDITERRANEAN POSTGRADUATE PROGRAM ON ORGAN DONATION AND TRANSPLANTATION PROJECT (EMPODAT)
Chloë Ballesté-Delpierre¹; Melania Istrate²; EMPODaT Consortium³; Ricard Valero¹; Martí Manyalich¹
¹University of Barcelona / TPM-DTI Foundation, Spain; ²TPM-DTI Foundation, Spain; ³EMPODaT Consortium, Spain

18.29 BO068
MONITORING DONATION AND TRANSPLANTATION ACTIVITY: THE DONOR ACTION PROGRAM
Carlo De Cilia; Nicola Alvaro; Gabriela Sangiorgi
Emilia-Romagna Transplant Reference Centre, Italy

17.45 - 18.45 BOS06 Cultural, psychosocial and policy challenges in transplantation
CHAIR(S): Antonia Cronin, London, United Kingdom

17.45 BO069
CURRENT STATUS OF FOREIGNERS AND OVERSEAS ORGAN TRANSPLANTS IN KOREA
Hyung Joon Ahn¹; Oh Jung Kwon²; Curie Ahn³
¹Kyung Hee University, Republic of Korea; ²Han Yang University, Republic of Korea; ³Seoul National University, Republic of Korea

17.49 BO070
THE GREEK FINANCIAL CRISIS: IMPACT ON ORGAN DONATION AND TRANSPLANTATION
Emmanouil Giorgakis¹; Andrew Singer¹; Andreas Prachalias²
¹Mayo Clinic, United States; ²King’s College Hospital, United Kingdom

17.53 BO071
GLOBAL QUALITY OF LIFE TRANSPLANT RECIPIENT SURVEY WORLD TRANSPLANT GAMES FEDERATION
Chris Thomas
World Transplant Games Federation, United Kingdom

17.57 BO072
ATTITUDES, PERCEPTIONS AND KNOWLEDGE OF EUROPEAN MEDICAL STUDENTS TOWARDS ORGAN AND TISSUE DONATION AND TRANSPLANTATION
Emma Carbonell¹; Verónica Torras²; Isshak Mrabet³; Isabel Jimenez¹; Andrea Cataldo⁴; Albert Gómez⁵; Alvaro Rodriguez⁶; Maria Begoña Campos⁵; Alberto Sandiumenge⁶; Teresa Pont⁶
¹Universitat de Barcelona - Hospital Clínic de Barcelona, Spain; ²Universitat Autónom de Barcelona - Hospital Universitari Vall d’Hebron, Spain; ³Universidad de Salamanca, Spain; ⁴Università degli Studi di Palermo - A.O.U.P Giacomo Palermo, Italy; ⁵Universitat de Barcelona, Spain; ⁶Hospital Universitari Vall d’Hebron, Spain
18.01  **BO073**
**ATTITUDES AMONGST MEDICAL STUDENTS TOWARDS DEATH CONCEPTS AND PROCEDURES RELATED TO ORGAN DONATION**
Marion Renneberg; Thomas Gutmann; Pablo de Lora; Hartmut H-J Schmidt
1Klinik für Transplantationsmedizin, Münster, Germany; 2Lehrstuhl für Bürgerliches Recht, Rechtspolitik und Medizinrecht, Münster, Germany; 3Legal Philosophy, Universidad Autonoma de Madrid, Spain

18.05  **BO074**
**ROLE OF RELIGION ON RAPID DECEASED ORGAN DONATION RATE IN IRAN**
Masoud Deghani; Seyed Ali Malekhosseini
1Shiraz Organ Transplantation Centre, Nemazee Hospital, Iran; 2Shiraz Organ Transplantation Centre, Nemazee Hospital, Shiraz, Iran, Iran

18.09  **BO076**
**CAN THE BEST PRACTICE INDEX ADMISSION FOR KIDNEY TRANSPLANTATION BE COVERED BY A STANDARD NATIONAL TARIFF? AN ECONOMIC ANALYSIS OF A REPRESENTATIVE COHORT**
Rebecca Varley; David Van Dellen; Titus Augustine; Charles Reynard
Manchester Royal Infirmary, Department of Renal and Pancreas Transplantation, United Kingdom

18.13  **BO077**
**COMPLICATED GRIEF AND ORGAN DONATION: ASSESSMENT OF DONORS’ RELATIVES AFTER SIX MONTH**
Julien Rogier
Hôpital Pellegrin de Bordeaux, Service Anesthésie Réanimation, Coordination Hospitalière Pré, France

18.17  **BO078**
**TRANSPLANTATION OF ORGANS FROM DONORS WITH HEPATITIS C: THE POTENTIAL TO SUBSTANTIALLY INCREASE TRANSPLANT ACTIVITY**
Patrick Trotter; Dominic Summers; J Andrew Bradley; James Powell; Ines Ushiro-Lumb; Christopher Watson; James Neuberger
1University of Cambridge, United Kingdom; 2Hepatic-Pancreatico-Biliary Surgical Services and Edinburgh Transplant Unit, Royal Infirmary of Edi, United Kingdom; 3NHS Blood and Transplant, United Kingdom; 4Queen Elizabeth Hospital, Birmingham, United Kingdom

18.21  **BO079**
**EDUCATIONAL INTERVENTIONS EXPANDING THE LIVING KIDNEY DONOR POOL**
Steef Redeker; Sohal Ismail; Martijn Visser; Emma Massey; Jan Busschbach; Willem Weimar
Erasmus Medical Center, The Netherlands

18.25  **BO080**
**INTEGRATING MENTAL AND PHYSICAL HEALTHCARE IN KIDNEY TRANSPLANT PATIENTS: PSYCHOLOGICAL WELLBEING AND HEALTH BELIEFS ABOUT IMMUNOSUPPRESSION MEDICATION**
Antonia Cronin; Sharon Frame; Amy Carroll; Hayley Wells; Anna Simpson; Matthew Hotopf
1MRC Centre for Transplantation, King’s College, London, United Kingdom; 2Guy’s and St. Thomas’ Hospital NHS Foundation Trust, United Kingdom; 3Guys and St. Thomas’ NHS Trust, United Kingdom; 4King’s College London, United Kingdom

18.29  **BO081**
**FAMILY APPROACH IN EMERGENCY CLINICAL COUNTY HOSPITAL OF ORADEA FOR ORGAN AND TISSUE DONATION**
Carmen Pantis; Aurel Mohan; Nicolae Ovidiu Pop; Calin Tudor Hozan
1Emergency Clinical County Hospital, Romania; 2Emergency Clinical County Hospital Oradea, Romania; 3Faculty of Medicine Oradea, Romania
18.33
**BO082**
RAISING AWARENESS OF UNSPECIFIED LIVE KIDNEY DONATION: AN ELPAT VIEW
Lisa Burnapp; Kristof Van Assche; Franco Citterio; Annette Lennerling; Nizam Mamode;
Dorte Slaats; David Van Dellen; Willij Zuidema; Willem Weimar; Frank Dor
1NHS Blood and Transplant/Guy’s, United Kingdom; 2University of Gent, Belgium; 3Rome, Italy; 4Gothenburg, Sweden; 5Guy’s & St. Thomas’, United Kingdom; 6Erasmus MC, The Netherlands; 7Manchester RI, United Kingdom; 8Imperial, United Kingdom

17.45 - 18.45
**BOS07** Clinical immunosuppression and pharmacology
**Chair(s):** Lluis Guirado, Barcelona, Spain; Paul Phelan, Edinburgh, UK

**BOS84**
DIFFERENTIAL EFFECTS OF IMMUNOSUPPRESSIVE DRUGS ON DNA METHYLATION IN T CELLS
Fleur Peters; Annemieke Peeters; Leo Hofland; Michiel Betjes; Karin Boer; Carla Baan
Erasmus MC, The Netherlands

**BOS85**
IMPACT OF MYCOPHENOLIC ACID ON T-CELL METABOLIC REPROGRAMMING
Ana A Fernandez Ramos; Catherine Marchetti-Laurent; Virginie Poindessous; Samantha Antonio; Sylvie Bortoli; Marie-Anne Loriot; Nicolas Pallet
INSERM, France

**BOS87**
DIFFERENT REGULATORY EFFECTS OF TACROLIMUS AND SIROLIMUS ON TFH AND TFR IN ALLO-RENAL RECIPIENTS
Yangjuan Bai; Yamei Li; Yunying Shi; Yi Li; Xiaojuan Wu; Bei Cai; Tingli Wang; Lanlan Wang
West China Hospital of Sichuan University, China

**BOS88**
EFFECT OF INDUCTION THERAPY REGIMENS ON MONOCYTIC MYELOID-DERIVED SUPPRESSOR CELLS IN KIDNEY TRANSPLANTATION RECIPIENTS
Yihang Jiang; Xiaodong Zhang
1Beijing Chaoyang Hospital, China; 2Beijing ChaoYang Hospital, China

**BOS89**
CYCLOSPORINE A, BUT NOT TACROLIMUS, INHIBITS THE SERUM RESPONSIVE PATHWAY OF PROXIMAL TUBULAR CELLS THROUGH COFILIN INHIBITION AND REORGANIZATION OF F-ACTIN BRANCHED MESHWORK
Bastien Burat; Julien Gonzalez; François-Ludovic Sauvage; Emilie Pinault; Pierre Marquet; Marie Essig
Inserm UMR 850, France

**BOS90**
PRE-CUT DRIED BLOOD SPOT USED AS STRATEGY FOR THERAPEUTIC DRUG MONITORING OF TACROLIMUS
Ignacio Bressan; Mariangeles Marossero; Maria del Rosario Aragone; Mariana Mendez; Maria Isabel Gimenez
Hospital Italiano de Buenos Aires, Argentina

**BOS91**
ASSOCIATION BETWEEN TPMT460 G>A AND TPMT719 A>G (POLYMORPHISMS OF TPMT GENE), UGT-275 T>A AND UGT-2157 C>T (POLYMORPHISMS OF UGT1A9) AND THE RESPONSE TO IMMUNOSUPPRESSANTS
Nesrine Baili; Baili Nesrine; Sahtout Wissal; Boujaafar Samira; Omezzine Asma; Azzabi Awafe; Mrabet Sanda; Guedri Yosra; Zellama Dorsaf; Bouslama Amor; Achour Abdellatif
1Sahloul, Tunisia; 2Sahloul Hospital, Tunisia
18.17 BOS92
ASSOCIATION BETWEEN UGT-275 T>A AND UGT-2157 C>T (POLYMORPHISMS OF UGT1A9 GENE) AND THE RESPONSE TO MYCOPHENOLATE MOFETIL
Nesrine Baili1; Sahtout Wissal2; Boujaafar Samira1; Omezzine Asma2; Azzabi Awatef2; Mrabet Sandra1; Guedri Yosra2; Zellama Dorsaf2; Bouslama Amor2; Achour Abdellatif2
1Sahloul, Tunisia; 2Sahloul Hospital, Tunisia

18.21 BOS93
A CYP3A5 GENOTYPE-BASED STRATEGY USING EXTENDED-RELEASE TACROLIMUS IN DE NOVO KIDNEY TRANSPLANTS
Kouhei Nishikawa; Satoru Masui; Shou Sekito; Shinichiro Higashi; Manabu Kato; Yuko Yoshio; Yoshihiro Hasegawa; Hideki Kanda; Kiminobu Arima; Kaname Nakatani; Yoshiaki Sugimura
Mie University School of Medicine, Japan

18.25 BOS94
EARLY INTRA-INDIVIDUAL VARIABILITY IN TACROLIMUS TROUGH CONCENTRATIONS AND CYP3A5 GENOTYPES IN PEDIATRIC KIDNEY TRANSPLANTATION AND ITS IMPACT ON LONG-TERM OUTCOME
Sungsin Cho1; Sang-il Min1; Min-ji Cho1; Won Pyo Cho1; Chanjung Choi1; Sanghyun Ahn1; Seung-Kee Min1; Sang Joon Kim1; Jongwon Ha1
1Seoul National University Hospital, Republic of Korea; 2Myungji Hospital, Republic of Korea

18.29 BOS95
INFLUENCE OF DONOR AND RECIPIENT CYP3A5 AND ABCB1GENETIC POLYMORPHISMS ON TACROLIMUS DOSAGE AND TROUGH LEVEL
Speranta Iacob1; Miriam Maschmeier2; Anna Hüsing3; Iyad Kabar2; Hartmut Schmidt2; Vito Cincinati2; Susanne Beckebaum2
1Fundeni Clinical Institute, Romania; 2University Hospital Munster, Germany

18.33 BOS96
ACUTE GRAFT-VS-HOST DISEASE AFTER LIVER TRANSPLANTATION: EXPERIENCE AT A HIGH-VOLUME LIVER TRANSPLANTATION CENTER IN KOREA
Woohyoung Kang1; Shin Hwang1; Gi-Won Song2; Dong-Hwan Jung3; Ji-Hyun Seo2; Su-Min Ha3; Sung-Gyu Lee2
1Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea; 2Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea

17.45 - 18.45 BOS08 Cytomegalovirus and polyomavirus
CHAIR(S): Isabel Binet, St. Gallen, Switzerland, Marc Dahlke, Regensburg, Germany

17.45 BOS98
IS CMV PROPHYLAXIS EFFECTIVE IN CMV-SEROPOSITIVE PATIENTS RECEIVING THYMoglobulin AS INDUCTION THERAPY?
Jose Otto Reusing Junior; Emanoela Batista Feitosa; Fabiana Agena; Ligia Pierroti; Luiz Sergio Azevedo; Elias David-Neto
HCFMUSP, Brazil

17.49 BOS99
IMPROVED CYTOMEGALOVIRUS VIRAL LOAD PARAMETERS ASSOCIATED WITH EARLIER INITIATION OF PRE-EMPTIVE THERAPY
Sheila Lumley1; Mark Harber1; Cameron Green1; Colette Smith1; Emily Rothwell1; Gareth Jones1; Douglas Thorburn1; Aileen Marshall1; Tina Shah1; Mohamed Zuhair1; Sowsan Atabani2; Tanzina Haque1; Paul Griffiths1
1Royal Free London NHS Foundation Trust, United Kingdom; 2Royal Free Hospital NHS Foundation Trust, United Kingdom; 3Heart of England NHS Foundation Trust, United Kingdom
17.53  **BOS100**  
**Efficacy of Everolimus Conversion from Mycophenolate Mofetil for Ganciclovir-Resistant Cytomegalovirus Infection in Kidney Transplant Recipients**  
Kenta Futamura; Manabu Okada; Takahisa Hiramitsu; Makoto Tsujita; Norihiko Goto;  
Shunji Narumi; Yoshihiko Watarai  
Nagoya Daini Red Cross Hospital, Japan

17.57  **BOS101**  
**Reduction of Late-Onset Cytomegalovirus Primary Disease after Discontinuation of Antiviral Prophylaxis in Kidney Transplant Recipients Treated with De Novo Everolimus**  
Arnaud Devresse; Marianne Leruez-Ville; Anne Scemla; Véronique Avettand-Fenoel; Lise Morin;  
Xavier Lebreton; Claire Tinel; Lucile Amrouche; Lionel Lamhaut; Marc-Olivier Timsit;  
Julien Zuber; Christophe Legendre; Dany Anglicheau  
Necker Hospital, France

18.01  **BOS102**  
**ATG Does Not Increase CMV Infection in D+R- Kidney Transplant Recipient**  
Hannah Kaminski1; Pierre Merville2; Lionel Couzi3; Ludovic Di Ascia2; Benjamin Taton2;  
Isabelle Garrigue2; Jean-François Moreau2; Julie Déchanet-Merville6  
1Bordeaux hospital university, France; 2Department of Nephrology, Transplantation, and Dialysis/CHU Bordeaux, France; 3aDepartment of Nephrology, Transplantation, and Dialysis/CHU Bordeaux, France; 4Laboratoire de virologie/CHU Bordeaux, France; 5Laboratoire d’Immunologie Clinique, France; 6National Center of Scientific Research, Mix Unit of Research 5164 ImmunoConcept / Bordeaux, France

18.05  **BOS103**  
**CMV Infection in Renal Transplant Recipients: Incidence and Efficacy of Prophylaxis According to Cytokine Single Nucleotide Polymorphisms**  
Isabel Perez Flores1; José Luis Santiago2; María Angeles Moreno De La Higuera1;  
Beatriz Rodríguez Cubillo1; Natividad Calvo Romero1; Elena Urcelay1; Antonia Rodríguez Peña1;  
Ana Sanchez Fructuoso1  
1UGC Immunology, Hospital Clinico San Carlos, Spain; 2Hospital Clinico San Carlos, Madrid, Spain; 3Hospital Clinico San Carlos, Spain; 4UGC Immunology, Hospital Clinico San Carlos, Madrid, Spain

18.09  **BOS104**  
**Human Leukocyte Antigen Alleles and Cytomegalovirus Disease in Kidney Transplant Patients**  
Dan Adrian Luscalov1; Luminita Ioana Loga1; Simona Luscalov2; Adriana Muntean1;  
Gabriel Cristian Dragomir Loga1; Lucia Dican1  
1CIUTR Cluj, Romania; 2UMF Cluj, Romania; 3Technical University, Faculty of Automation and Computer Science Cluj Napoca, Romania, Romania

18.13  **BOS105**  
**BKV and CMV Coinfection in Renal Transplant Patients: Results from a Large Multicenter Study**  
Arturo Blázquez Navarro1; Chantip Dang-Heine1; Michael Or-Guil2; Chris Bauer3; Ulrik Stefven2;  
Timm Westhoff4; Christian Hugo4; Petra Reinke4; Birgit Sawitzki4; Nina Babel4  
1Berlin-Brandenburg Center for Regenerative Therapies, Charité - University Medicine, Germany; 2Systems Immunology Lab, Department of Biology, Humboldt University, Germany; 3Research and Development, MicroDiscovery GmbH, Germany; 4Center for Translational Medicine, Medical Clinic I, Marien Hospital Herne, University Hospital of the Technische Univers, Germany; 5Department of Internal Medicine III, University Hospital Carl Gustav Carus at the Technische Univers, Germany

18.17  **BOS106**  
**Screening of Polyomaviruses Viruria in Kidney Transplant Recipients**  
Michał Komorniczak; Sławomir Lizakowski; Ewa Król; Alicja Dębska-Ślizień  
Clinic and Department of Nephrology, Transplantation and Internal Medicine Medical University of Gda, Poland
18.21  BOS107  
POLYOMAVIRUS (BK) MONITORING AND EARLY REDUCTION OF IMMUNOSUPPRESSION REDUCES GRAFT LOSS SECONDARY TO BK VIRUS NEPHROPATHY: SIR PETER MEDAWAR TRANSPLANT UNIT, ROYAL LIVERPOOL UNIVERSITY HOSPITAL  
Abdulwhab Elmghrbee1; Amar M Eltweri1; Adham El-Bakry1; Dan Ridgway2; Ajay Sharma3; Sanjay Mehra3; Abdul Hammad4  
1Royal Liverpool University Hospital, United Kingdom; 2Leicester General Hospital, United Kingdom; 3Royal Liverpool University Hospital, United Kingdom

18.25  BOS108  
LOW-DOSE CIDOFOVIR AND CONVERSION TO MTOR IN POLYOMA VIRUS-ASSOCIATED NEPHROPATHY (PVAN) - A CASE SERIES  
Thomas Muehlbacher1; Hanno Bunz1; Silvio Nadalin2; Nils Heyne1; Martina Guthoff4  
1Dept. of Endocrinology and Diabetology, Angiology, Nephrology and Clinical Chemistry/University of T, Germany; 2Dept. of General-, Visceral- and Transplantation Surgery/University of Tübingen, Germany

18.29  BOS109  
CLINICAL SIGNIFICANCE OF BK VIRUS-SPECIFIC T CELL IMMUNITY MONITORING USING ELISPOT ASSAY IN KIDNEY TRANSPLANT RECIPIENTS  
Ji-Yeun Chang1; Ki Hyun Park2; Burn Soon Choi2; Cheol Whee Park2; Chul Woo Yang2; Yong-Soo Kim2; Eun-Jee Oh2; Byung Ha Chung2  
1Seoul St. Mary’s Hospital The Catholic University of Republic of Korea Korea; 2Seoul St. Mary’s Hospital, The Catholic University of Republic of Korea

18.33  BOS110  
ORIGIN AND PATTERN OF HUMAN POLYOMAVIRUSES REPLICATION AFTER KIDNEY TRANSPLANTATION: A PROSPECTIVE OBSERVATIONAL STUDY  
Evaldo Favi1; Serena Delbue2; Caterina Colico1; Maria Dolci2; Pasquale Ferrante2; Sonia Villani2; Antenore Giussani1; Laura Clementoni1; Carlo Alfieri1; Piergiorgio Messa1; Mariano Ferraresso3  
1Kidney Transplantation, Fondazione IRCCS Ca’ Granda, Ospedale Maggiore Policlinico, Italy; 2Department of Biomedical, Surgical and Dental Sciences, University of Milan, Italy

18.37  BOS111  
DNA VIRAL INFECTIONS ASSAY IN KIDNEY TRANSPLANT RECIPIENTS BY A NEW HIGH THROUGHPUT MASS SPECTROMETRY METHOD  
Gaetano La Manna1; Carlotta Pia Cristalli1; Vanessa Mucciacciaro2; Sabrina De Carolis2; Raffaella Minardi3; Chiara Zannini3; Marco Ruggeri3; Giorgia Comai3; Monica Cricca3; Vilma Mantovani1; Maria Cappuccilli1; Massimiliano Bonafè3  
1Unit of Nephrology, Dialysis and Renal Transplant, St.Orsola-Malpighi Hospital, Bologna, Italy; 2Center for Applied Biomedical Research, St.Orsola - Malpighi Hospital, Bologna, Italy, Italy; 3Department of Specialized, Experimental and Diagnostic Medicine, University of Bologna, Italy; 4Medical Genetics unit, St.Orsola- Malpighi Hospital/ Center of Applied Biomedical Research, Bologna, Italy
17:45 – 18.45  **E-Poster Opening and Moderated Sessions**

**MP01 Basic and translational immunology**  
**Chair(s):** Kumaran Shanmugarajah, Oxford, United Kingdom

17:45  **MP001**  
**Differential expression of long noncoding RNAs during cardiac rejection**  
**Guangxiang Gu; Qiang Xia**  
Shanghai Jiaotong University, China

17:50  **MP002**  
**T-cell ageing parameters in the lymph node and peripheral blood of end-stage renal disease patients are strongly correlated but late differentiated T cells are mainly located within the circulation**  
**Burc Dedeoglu; Annelies De Weerd; Ling Huang; Anton Langerak; Frank Dor; Mariska Klepper; Wenda Verschoor; Derek Reijerkerk; Carla Baan; Nicolle Litjens; Michiel Betjes**  
Erasmus University Medical Center, The Netherlands

17:55  **MP003**  
**End-stage renal disease induces a contraction of the TCR Vβ-repertoire**  
**Ling Huang; Mariska Klepper; Anton Langerak; Carla Baan; Michiel Betjes; Nicolle Litjens**  
Erasmus MC, The Netherlands

18:00  **MP004**  
**Type 1 innate lymphoid cells (ILC1) decrease in kidney transplant recipients receiving thymoglobulin for induction therapy**  
**Elena Gómez-Massa1; Paloma Talayero2; Alberto Utrero-Rico2; Rocio Laguna-Goya3; Oscar Cabrera-Marante1; Esther Mancebo-Sierra1; Maria José Castro-Panete1; Amado Andrés3; Esther González3; Estela Paz-Artal3**  
1Immunology Department, Hospital Universitario 12 De Octubre, Madrid, Spain; 2Instituto De Investigación Hospital Universitario 12 De Octubre, Madrid, Spain; 3Nephrology Department, Hospital Universitario 12 De Octubre, Madrid, Spain

18:05  **MP005**  
**Initial experience of □1,3-galactosyltransferase gene-knockout (GTKO) pig heart transplantation in baboons**  
**Hyun Keun Chee; Ik Jin Yun; Jun Seok Kim; Sung Jun Lee**  
Konkuk University Medical Center, Republic of Korea

18:10  **MP006**  
**CHI3L1 protects TAA-induced liver injury via regulating STAT3-mediated T cell differentiation**  
**Ling Lu1; Jian Gu2; Yunjie Lu2; Hao Lu2; Haoming Zhou2; Gao Ji2**  
1The First Affiliated Hospital of Nanjing Medical University, China; 2Nanjing Medical University, China

18:15  **MP007**  
**Impact of IL-17F gene polymorphisms in outcome of kidney transplantation in Tunisian recipients**  
**Yousr Gorgi1; Youssra Haouami1; Imen Sfar2; Tarak Dhaouadi1; Tahar Gargah1; Mongi Bacha3; Rafika Bardi1; Ezzedine Abderrahim2; Rym Goucha2; Taieb Ben Abdallah3**  
1Research Laboratory in Immunology of Renal Transplantation and Immunopathology (Lr03Sp01), Charles, Tunisia; 2Department of Nephrology and Internal Medicine, Charles Nicolle Hospital, Tunisia; 3Charles Nicolle Hospital, Tunisia

18:20  **MP008**  
**Adipose tissue-derived mesenchymal stem cells have a heterogeneous cytokine secretion profile**  
**Lin Yan1; Mj Hoogduijn1; Yk Wu2; Cc Baan1; Ss Korevaar1; Rd Kuijper1; Li Wang2; Nm Van Besouw3**  
1Erasmus Medical Center, The Netherlands; 2West China Hospital, China
18:25 MP009
AN APPROACH IN REGENERATIVE MEDICINE USING TISSUE-ENGINEERED SCAFFOLDS AND MESENCHYMAL STEM CELLS
Maryam Ayatollahi1; Mahsa Emam2; Fatemeh Parvin2; Sahar Najafi3; Bita Geramizadeh2; Mohammad Jafar Emami3
1Transplant Research Center, Bone and Joint Diseases Research Center, Shiraz University of Medical Sc, Iran; 2Transplant Research Center, Shiraz University of Medical Sciences, Iran; 3Bone and Joint Diseases Research Center, Shiraz University of Medical Sciences, Iran

18:30 MP010
B CELL POPULATION CHANGES AFTER THYMoglobulin INDUCTION IN KIDNEY TRANSPLANT RECIPIENTS
Cristina Sango1; Juan Irure2; Esther Asensio2; Juan Carlos Ruiz-San Millàn2; Gema Fernandez-Fresnedo2; Adalberto Benito2; Marcos López-Hoyos2; Emilio Rodrigo2; David San Segundo2; Cristina Sango2; Juan Irure2; Esther Asensio2; Juan Carlos Ruiz-San Millàn2; Gema Fernandez-Fresnedo2; Adalberto Benito2; Marcos López-Hoyos2; Emilio Rodrigo2; David San Segundo2
1Hospital Universitario Marques de Valdecilla, Spain; 2H.U.Marqués de Valdecilla, Spain

18:35 MP011
URINE EXTRACELLULAR VESICLES FROM LIVING AND DECEASED KIDNEY DONORS REVEAL SIGNIFICANT DIFFERENCES AT THE PROTEOMIC AND MIRNA LEVELS
Ioana Bancu
Hospital Universitari Germans Trias i Pujol, Spain

18:40 MP012
VASCULOPATHY AND ENDOTHELIAL CELL RESPONSE IN VASCULARIZED COMPOSITE ALLOTRANSPLANTATION
Adriano Taddeo1; Jonathan Leckenby2; Dzhuliya Dzhonova1; Yara Banz1; Esther Vögelin2; Robert Rieben1; Mihai Constantinescu1; Radu Olariu2
1Department of Clinical Research, University of Bern, Switzerland; 2Plastic, Reconstructive and Hand Surgery, Bern University Hospital, Switzerland; 3Institute of Pathology University of Bern, Switzerland

17:45 –18.45 MP02 Biomarkers – liver and kidney
CHAIR(S): Francesca Tinti, Rome, Italy

17:45 MP013
INTRAHEPATIC MICRORNA PROFILE OF LIVER TRANSPLANT RECIPIENTS WITH HEPATITIS C VIRUS CIRRHOSIS CO-INFECTED WITH HUMAN IMMUNODEFICIENCY VIRUS
Susumu Eguchi; Hisamitsu Miyaaki; Mitsuhisa Takatsuki; Koji Natsuda; Satoshi Miuma; Akihiko Soyama; Masaaki Hidaka; Takanobu Hara; Kazuhiko Nakao
Nagasaki University Graduate School of Biomedical Sciences, Japan

17:50 MP014
PREDICTIVE ROLES OF PROINFLAMMATORY CYTOKINES IN ACUTE RENAL ALLOGRAFT REJECTION
Vural Taner Yılmaz1; Fatih Davran2; Gültekin Suleymanlar3; Halide Akbas4
1Akdeniz University Faculty of Medicine Department of Nephrology, Turkey; 2Ministry of Health, Hakkari State Hospital, Turkey; 3Akdeniz University Faculty of Medicine Department of Clinical Biochemistry, Turkey

17:55 MP015
MICRORNAS DIFFERENTIATE BETWEEN ANTIBODY AND T-CELL MEDIATED RENAL ALLOGRAFT REJECTION
T.P.P Van Den Bosch; Marian C. Van Groningen; Farhad Rezaee; Daan Nieboer; Èwout W. Steyenberg; Carla C. Baan; Ajda T. Rowshani
Erasmus Medical Center, The Netherlands
18:00 MP016
INFLUENCE OF KIDNEY DONOR REMOTE ISCHEMIC PRECONDITIONING ON DELAYED GRAFT FUNCTION BIOMARKERS
Agnieszka Lepiesza1; Artur Pupka1; Dorota Kamińska1; Katarzyna KosCiełska-Kasprzak2; Dorota Bartoszek2; Marcelina Zabińska2; Paweł Chudoba1; Oktawia Mazanowska2;
Marian Klinger1; Piotr Szyber1
1Department of Vascular, General and Transplant Surgery, Wroclaw Medical University, Poland; 2Department of Nephrology and Transplantation Medicine, Wroclaw Medical University, Poland

18:05 MP017
EARLY ENRICHMENT AND RESTITUTION OF THE PERIPHERAL BLOOD TREG POOL IS ASSOCIATED WITH REJECTION-FREE STABLE IMMUNOSUPPRESSION AFTER LIVER TRANSPLANTATION
James Hutchinson; Jan Haarer; Paloma Riquelme; Hans Schlitt; Edward Geissler
University Hospital Regensburg, Germany

18:10 MP018
KIDNEY AUTO-TRANSPLANTATION IN A DCD SWINE MODEL: EVALUATION OF FUNCTIONAL RECOVERY BY METABOLIC AND OXIDATIVE STRESS PROFILE DETERMINATIONS BY NUCLEAR MAGNETIC AND ELECTRONIC PARAMAGNETIC RESONANCE
Ilaria Benzoni1; Carolina Bianco2; Elena Ticozzelli2; Simona Mrakic Spota3; Emanuela Cova2; Maristella Guissoni4; Massimo Abelli5
1University of Pavia, Phd In Experimental Medicine, Italy; 2Irccs Policlinico San Matteo, Pavia, Italy; 3Istituto di Bioimmagini e Fisiologia Molecolare, Consiglio Nazionale delle Ricerche, Milano, Italy

18:15 MP019
PROTEOMIC PROFILES OF DECEASED DONOR KIDNEY BIOPSIES OBTAINED PRIOR TO TRANSPLANTATION CORRELATE WITH ALLOGRAFT FUNCTION AT ONE YEAR
Maria Kaisar; Leon Vandullemen; Honglei Huang; Benedikt Kessler; Rutger Ploeg
University of Oxford, United Kingdom

18:20 MP020
URINARY LIVER FATTY ACID BINDING PROTEIN REFLECTS PATHOLOGICAL TUBULO-INTERSTITIAL STATUS IN KIDNEY TRANSPLANT RECIPIENTS WITH STABLE GRAFT FUNCTION
Jun-Ichi Teranishi1; Taku Mochizuki2; Daiji Takamoto3; Hiroji Uemura3; Kazuhide Makiyama3
1Yokohama city university medical center, Japan; 2Yokohama City University Medical Center, Japan; 3Yokohama city university, Japan

18:25 MP021
DEVELOPING A NON-INVASIVE SPECTROSCOPIC TECHNIQUE FOR DETECTING LIVER DAMAGE
Katherine Ember1; Gabriel Oniscu2; Fiona Hunt2; Hannah Johnston1; John Hallett1; Stephen Wigmore3; Karen Faulds3; Colin Campbell1; Stuart Forbes1
1The University of Edinburgh, United Kingdom; 2Transplant Unit, Royal Infirmary, Little France, University of Edinburgh, United Kingdom; 3Scottish Centre For Regenerative Medicine, Little France, University of Edinburgh, United Kingdom; 4Technology and Innovation Centre, University of Strathclyde, United Kingdom; 5Department of Chemistry, University of Edinburgh, Joseph Black Building, United Kingdom

18:30 MP022
CARDIAC BIOMARKERS IN STABLE KIDNEY TRANSPLANT RECIPIENTS
Ieva Ziedina1; Diana Amerika1; Olga Batireva2; Viktorija Perekresta2; Janis Jushinskis1; Vadims Šuhorukovs1; Aleksandrs Malcevs1; Rafails Rozentals1
1Transplant Research Laboratory of Riga Stradins University, Latvia; 2Paul Stradins Clinical University Hospital, Latvia; 3University of Latvia, Latvia
18:35  **MP023**  
RELATIONSHIP BETWEEN GENE VARIABILITY OF ANTIOXIDATIVE ENZYMES AND RENAL FUNCTION DECLINE IN RENAL TRANSPLANT RECIPIENTS: TWO YEAR POST-TRANSPLANT FOLLOW-UP  
Nikola Stefanovic, Tatjana Cvetkovic, Goran Paunovic, Tatjana Jevtovic-Stoimenov, Aleksandra Catic-Djordjevic, Radmila Velickovic-Radovanovic  
1Faculty of Medicine University of Nis Serbia, Serbia; 2Clinic of Nephrology Clinical Center Nis, Serbia

18:40  **MP024**  
COULD URINARY BIOMARKERS SUCH AS NAG, NGAL AND KIM-1 HELP FOR THE EVERYDAY CLINICAL KIDNEY TRANSPLANTATION?  
Guadalupe Taberner Fernandez, Elena Ruiz Ferreras, Jose Antonio Menacho, Alberto Martin Arribas, Anika Tyszkiewicz, Teresa Hernandez Sanchez, Alfredo Gines Casanova Paso, Moises Pescador, Ana Isabel Morales, Marta Prieto Vicente  
1Salamanca University Hospital, Spain; 2Physiology and Pharmacology Salamanca University Department, Spain

17:45 – 18.45  **MP03**  
Composite tissue  
Chair(s): Undine Gerlach, Berlin, Germany

18:00  **MP028**  
REPORT OF THE SECOND INTERNATIONAL CHAUVET WORKSHOP  
Palmina Petruzzo, Elisa Moreno, Martin Kumnig, Emmanuel Morelon, Christian Seulin, Sheila Jowsey  
1Hopital Edouard Herriot, Lyon France, France; 2Department of Psychiatry, Ronald Reagan UCLA Medical Center & David Geffen School of Medicine, UCLA, United States; 3Department of Medical Psychology, Medical University of Innsbruck, Austria; 4Dept of Transplantation, Hopital Edouard Herriot, Lyon, France; 5Hopital Edouard Herriot, Lyon, France; 6Dept of Psychiatry & Psychology, Mayo Graduate School of Medicine, Mayo Clinic, Rochester, MN, United States

18:05  **MP029**  
THE STATE OF THE INTEROSSICULAR ARTICULATIONS OF TRANSPLANTED ALLOGRAFTS  
Vladimir Andreev, Pavel Andreev, Vitaliy Nechiporenko, Anastasia Andreeva  
Donetsk National Medical University, Ukraine
18:10 **MP030**
**PENETRATING KERATOPLASTY (CORNEAL TRANSPLANTATION): THE LEARNING PERIOD**
Alper Yarangumeli¹; Emine Yildiz Ozdemir²
¹Ankara Numune Training and Research Hospital, Eye Clinic, Turkey; ²Ankara Numune Training and Research Hospital, Eye Clinic, Turkey

18:15 **MP031**
**META-ANALYSIS OF CLINICAL SIGNIFICANCE OF COMPLEMENT ACTIVATING ANTI-HLA DSA IN SOLID ORGAN TRANSPLANTATION**
Antoine Bouquegneau¹; Charlotte Loheac²; Olivier Aubert²; Jean-Philippe Empana²; Patricia Jabre²; Denis Viglietti²; Xavier Jouven²; Carmen Lefaucheur²; Alexandre Loupy²
¹Department of Nephrology-Dialysis and Transplantation Chu of Liège, Belgium; ²Paris Translational Research Center For Organ Transplantation, France

18:20 **MP032**
**PARTIAL GRAFT LOSS OF A FACIAL TRANSPLANT AFTER DONOR SPECIFIC ANTIBODIES DEVELOPMENT**
Emmanuel Morelon¹; Palmina Petruzzo¹; Jean Kanitakis²; Stéphanie Dakpé²; Olivier Thaunat¹; Valérie Dubois¹; Gabriel Choukroun¹; Sylvie Testelin¹; Jean-Michel Dubernard¹; Lionel Badet¹; Bernard Devauchelle¹
¹Dept of transplantation, Hospices Civils de Lyon, France; ²Dept of Dermatology, Hospices Civils de Lyon, France; ³Dept of Maxillofacial Surgery, CHU Amiens-Picardie, France; ⁴Laboratoire HLA, Etablissement Français du Sang Rhône Alpes, France; ⁵Dept of nephrology and Transplantation, CHU Amiens-Picardie, France

18:25 **MP033**
**SIX CASES OF UTERUS TRANSPLANTATION: FIRST YEAR REPORT OF THE 2-ARM CZECH UTERUS TRANSPLANT TRIAL**
Jiri Fronek¹; Libor Janousek¹; Marta Novackova³; Jan Matecha³; Jaroslav Chlupac¹; Michael Olausson³; Roman Chmel³
¹Transplant Surgery Department, Institute For Clinical and Experimental Medicine (Ikem) Prague, Czech Republic; ²Department of Gynecology and Obstetrics, 2Nd Faculty of Medicine, University Hospital Motol, Prague, Czech Republic; ³4Department of Surgery, Sahlgrenska University, Göteborg, Sweden

18:30 **MP034**
**LIVING AND DECEASED DONOR UTERUS RETRIEVAL: THE TECHNICAL PITFALLS, EXPERIENCE WITH 8 DECEASED AND 3 LIVE DONOR CASES**
Jiri Fronek¹; Libor Janousek¹; Michael Olausson²; Roman Chmel³
¹Transplant Surgery Department, Institute for Clinical and Experimental Medicine (Ikem) Prague, Czech Republic; ²Department of Surgery, Sahlgrenska University, Göteborg, Sweden; ³Department of Gynecology and Obstetrics, 2Nd Faculty of Medicine, University Hospital Motol, Prague, Czech Republic

18:35 **MP035**
**IMMUNOSUPPRESSION IN INDIA’S FIRST BILATERAL COMPOSITE TISSUE TRANSPLANTS (HAND)**
George Kurian¹; Zachariah Paul¹; Subramania Iyer¹; Rajesh R. Nair²; Anil Mathew²; Sandeep Sreedharan¹; Mohit Sharma¹; Kartik Ganesh³; Kishore P³; Jimmy Mathew³; Malini Eapen³
¹Amrita Institute of Medical Sciences, India; ²Amrita, India

18:40 **MP036**
**CONFIRMATION OF SAFETY OF HUMAN CORD BLOOD DERIVED EX-VIVO CREATED DICHIMERIC CELLS BEFORE AND AFTER CRYOPRESERVATION IN THE IMMUNODEFICIENT MOUSE MODEL: A PRELIMINARY STUDY**
Joanna Cwykiel; Natalia Filipek; Erzsebet Szilagyi; Uygur Safak; Maria Siemionow
University of Illinois at Chicago, United States
17:45 – 18.45 MP04 Ischemia, reperfusion and preservation
CHAIR(S): Andrew Sutherland, Edinburgh, United Kingdom

17:45 MP037 MIRNAS EXPRESSION AS USEFUL MARKERS FOR ADVANTAGEOUS PERFUSION IN A PRECLINICAL DCD MODEL OF OXYGENATED HYPOTHERMIC MACHINE PERFUSION
Maria Victoria Gomez Dos Santos1; Vital Hevia2; Edurne Muñoz2; Maria Laura García Bermejo3; Esperanza Macarena Rodríguez-Serrano4; Adolfo Martínez4; Ana Saiz4; Jose Manuel Del Rey5; Victor Díez-Nicolás6; Sara Álvarez6; Jennifer Brasero6; Francisco Donis6; Francisco Javier Burgos1
1Urology Department. Irycis. Alcalá University. Hospital Ramón y Cajal, Spain; 2Urology Department. Irycis. Hospital Ramón y Cajal, Spain; 3Biomarkers and Therapeutic Targets Group. Irycis. Hospital Ramón y Cajal, Spain; 4Transplant Coordination. Hospital Ramón y Cajal, Spain; 5Pathology Department. Irycis. Hospital Ramón y Cajal, Spain; 6Biochemistry Department. Irycis. Hospital Ramón y Cajal, Spain

17:50 MP038 EXTRACTION TIME DURING LIVER TRANSPLANTATION IMPAIRS OUTCOME
Ina Jochmans1; Steffen Fieuws2; Ineke Tieken3; Undine Samuel4; Jacques Pirenne4
1University Hospitals Leuven, Belgium; 2Ku Leuven, Belgium; 3Eurotransplant, The Netherlands

17:55 MP039 A STUDY ON GENE EXPRESSION OF THE PROTECTIVE EFFECT OF NITRIC OXIDE RELEASING NANOFIBER IN RAT RENAL ISCHEMIA-REPERFUSION INJURY
Hyung Joon Ahn1; Kyung Hwan Jung2; Sun Hyung Joo3
1Kyung Hee University, Republic of Korea

18:00 MP040 HOW TO PROMOTE REGENERATION AFTER ISCHEMIC REPERFUSION INJURY: DUAL ROLE OF CD 137 AGONISTIC ANTIBODY
Jong Soo Lee1; Kyung Sun Park2; Hyun Chul Chung3; Ho Jong Park4; Byung Suk Kwon5; Hye Jeong Kim6; Sang Joon Park7; Jongha Park7; Hong Rae Cho1
1Ulsan University Hospital, Republic of Korea; 2Ulsan University, Republic of Korea

18:05 MP041 PROTECTING RENAL ENDOTHELIAL CELLS FROM COLD AND WARM ISCHEMIA BY PHARMACOLOGICAL AGENTS
Meryl Thomas; Gwenaelle Antetomaso; Guillaume Demarne; Patrick Berna
Balmes Transplantation, France

18:10 MP042 THE IMPACT OF RED LED IRRADIATION ON HEPATOCYTES PRESERVATION
Rui Feng; Mitsuo Shimada; Yuji Morine; Satoru Imura; Tetsuya Ikemoto; Shuichi Iwashashi; Yu Saito; Kozo Yoshikawa; Toshiaki Yoshimoto; Jun Higashijima
Department of Surgery, Institute of Health Biosciences, University of Tokushima Graduate School, Japan

18:15 MP043 PRELIMINARY RESULTS OF MEDICAL CORRECTION OF ISCHEMIA-REPERFUSION INJURY IN DIFFERENT TYPES OF DONORS
Oleg Reznik1; Andrey Skvortsov2; Igor Loginov3; Andrey Kukushkin2; Alexey Ananiev4; Alexey Kutenkov5; Vasily Daineko2; Alexandr Reznik4; Denis Kuzmin2
1St Petersburg First Pavlov State Medical University, Russian Federation; 2St. Petersburg State Research Institute for Emergency, Russian Federation

18:20 MP044 NEW PORTABLE PERFUSION SYSTEM (PPS) FOR EMERGENCY CONTROLLED BLOOD REPERFUSION ORGANS IN DONORS WITH IRREVERSIBLE CARDIAC ARREST
Andrey Skvortsov1; Igor Loginov2; Andrey Kukushkin2; Alexey Ananiev3; Alexey Kutenkov5; Igor Filatov2; Denis Kuzmin2; Vasily Daineko2; Oleg Reznik1
1St Petersburg First State Medical University, Russian Federation; 2St Petersburg State Research Institute for Emergency, Russian Federation; 3Biosoft-M, Ltd, Russian Federation
**MP045**
**Preservation of Glycocalyx in Experimental Kidney Transplantation**
Jonathan Kunisch Eriksen; Lise Have Nielsen; Niels Moeslund; Rikke Nørregaard; Michael Pedersen; Jens Aage Kalsen Petersen; Bente Jespersen; Henrik Birn
1 Dep. of Kidney Diseases, Aarhus University Hospital, Denmark; 2 Dep. of Clinical Medicine, Aarhus University Hospital, Denmark; 3 Dep. of Anesthesiology, Aarhus University Hospital, Denmark

**MP046**
**Assessing Mitochondrial Function During Human Organ Transplantation**
Anja Gruszczynski; Jack Martin; Mike Murphy; Kourosh Saeb-Parsy
1 Department of Surgery, University of Cambridge, Cambridge, UK, United Kingdom; 2 Department of Surgery, University of Cambridge, Cambridge, UK, United Kingdom; 3 Mrc Mitochondrial Biology Unit - University of Cambridge, United Kingdom

**MP047**
**Nox4 and Oxidative Stress Mediated TGF-β Induced Human Kidney Proximal Tubular Epithelial Cell Apoptosis in Ischemic Reperfusion Injury**
Sungkwon Cho; Dong Il Kim; Ju-Ik Moon; In Seok Choi; Sung-Ro Yun; Se-Hee Yoon
Konyang University College of Medicine, Republic of Korea

**MP048**
**Institut Georges Lopez Solution Prevents from Proteasome Activation in Fatty Liver Preservation**
Arnau Panisello Rosello; Eva Verde; Marta Flores; Arnau Cuy; Alexandre Lopez; Emma Folch-Puy; Joan Oliva; Rene Adam; Teresa Carbonell; Joan Rosello Catafau
1 Instituto de Investigaciones Biomédicas de Barcelona, CSIC, Barcelona, Catalonia, Spain; 2 Department of Cell Biology, Physiology and Immunology, Faculty of Biology, University of Barcelona, Spain; 3 Centre Hépato-biliare, AP-PH, Hôpital Paul Brousse, Villejuif, Paris 94804, France; 4 LabioMed, Harbor UCLA Medical Center, Torrance, Los Angeles, United States

**MP05**
**Rejection and histology – kidney**
Chair(s): Henri Leuvenink, Groningen, The Netherlands

**MP049**
**TGF-β1 Induces Transplant Kidney Interstitial Fibrosis Through Endothelial-to-Mesenchymal Transition Via TGF-β/SMAD and AKT/MTOR/P70S6K Pathways**
Zijie Wang; Zhijian Han; Jun Tao; Ruoyun Tan; Min Gu
The First Affiliated Hospital of Nanjing Medical University, China

**MP050**
**The Prognostic Value of Individual Histologic Lesions and Composite Scores in 0-Biopsy for Long-Term Kidney Allograft Function**
Andriy Trailin; Tamara Nykonenko; Olexander Nykonenko; Tatiana Ostapenko; Sergiy Vildanov
Zaporizhzhia Medical Academy of Post-Graduate Education Ministry of Health of Ukraine, Ukraine

**MP051**
**Influence of Hepatitis C Virus Infection on the Development of Interstitial Fibrosis and Transplant Glomerulopathy in Pediatric Renal Transplant Patients**
B. Handan Ozdemir; Esra Baskın; F. Nurhan Ozdemir; Gokhan Moray; Mehmet Haberal
Baskent University, Turkey

**MP053**
**Comparison of Panel Reactive of Antibodies: Virtual Calculators vs Beads. Unmasking Potential False Negative Results in Anti-HLA Antibody Screening**
Laura Riesco; Esther Asensio; Juan Irure; Jesús Ontañón; Marcos López-Hoyos; David San Segundo
1 Marqués de Valdecilla University Hospital-IDIVAL, Spain; 2 University Hospital of Albacete, Spain
MP054
THE IMPACT OF PRE-TRANSPLANT DONOR SPECIFIC ANTI-HLA ANTIBODIES ON OUTCOME OF KIDNEY TRANSPLANTATION - SINGLE CENTER EXPERIENCE
Mohamed Abdelmonem Balaha1; Torki Alotaibi1; Amin Roshdy2; Mervat Elansary2; Mona Aziz Ibrahim2; Bahaa-Edeen Zayed2; Osama Gheith2; Khaled Abdel Tawab2; Yahya Makkeyah4; Ayman Maher Nagib4; Zakaria Elsaid Zakaria4; Medhat A Halim4; Tarek S Mahmoud4; Prasad Nair4
1Hamed Al-Essa Organ Transplant Center / Ibn Sin Hospital, Kuwait; 2Faculty of Medicine - Cairo University, Egypt; 3Urology & Nephrology Center - Mansoura University, Egypt; 4Faculty of Medicine - Ain Shams University, Egypt

MP055
A PROSPECTIVE OBSERVATIONAL TRIAL TO EVALUATE A CMV-SPECIFIC ELISPOT ASSAY IN SOLID ORGAN TRANSPLANT (SOT) RECIPIENTS: THE PROTECT STUDY
Deepali Kumar1; Peter Chin-Hong2; Liise Kayler3; Dave Wojciechowski4; Ajit Limaye5; Ahmed Gaber6; Simon Bal7; Aneesh Mehta8; Ted Blanchard9; Camille Kotton7
1Toronto General Hospital, Canada; 2University of California San Francisco, United States; 3Erie Country Medical Center, United States; 4Mass General Hospital, United States; 5University of Washington Medical Center, United States; 6Houston Methodist, United States; 7Queen Elizabeth, United Kingdom; 8Emory University, United States; 9Oxford Immunotec, United States

MP056
OUTCOMES OF PATIENTS WITH SUCCESSFUL DESENSITIZED RENAL TRANSPLANTATION: A SINGLE-CENTER STUDY
Aydin Turkmen1; Berna Yelken2; Serpel Goricin3; Funda Yalcin4; Cihan Karatas5; Basak Akyol5; Burak Kocak6; Emel Eworo6
1Istanbul University Istanbul Medical Faculty, Turkey; 2Memorial Sisli Hospital Istanbul, Turkey; 3Memorial Sisli Hospital Istanbul, Turkey; 4Memorial Hizmet Hospital, Turkey; 5Memorial Sisli Hospital, Turkey

MP057
BK INFECTION OCCURRENCE AND IMMUNOLOGIC MONITORING IN KIDNEY TRANSPLANTATION
Boris Karanovic1; Elizabeth Sarmiento2; Maria Rodriguez-Ferrero2; Fernando Anaya2; Patricia Muñoz2; Alia Eworo2; Joaquin Navarro2; Javier Carbone2
1Department of Internal Medicine, University of Zagreb School of Medicine, Croatia; 2Hospital General Universitario Gregorio Marañón. Madrid, Spain

MP058
RENAI TRANSPLANTATION IN AVERAGE SENSITIZED RECIPIENTS
Alexey Zulkarnaev
Moscow Regional Research and Clinical Institute, Russian Federation

MP059
ANTIBODY-MEDIATED REJECTION OF KIDNEY GRAFTS: COMPARISON OF STANDARD THERAPY AND THERAPY WITH ADDITION OF BORTEZOMIB AND/OR RITUXIMAB
Teja Oblak1; Jelka Lindic1; Radoslav Kveder1; Andreja Ales Rigler1; Andrej Skoberne1; Zeljka Veceris Haler2; Spela Borstnar2; Nusa Avgustin2; Jakob Gubensek3; Rafael Ponikvar3; Gregor Minsek3; Dusan Fersluza3; Nika Kocj3; Damjan Kovac1
1University Medical Centre Ljubljana, Department of Nephrology, Slovenia; 2Medical Faculty, University of Ljubljana, Institute of Pathology, Slovenia

MP060
THE EFFICACY OF ANTI-LYMPHOCYTES GLOBULINS COMPARED WITH OTHER APPROACHES IN REVERSING ACUTE GRAFT REJECTION POST LIVE-DONOR RENAL TRANSPLANTATION: A 10 YEARS FOLLOW UP
Mohamed M. Elshayeb1; Ahmed Akl1; Mahmoud Hosni2; Amir M. El-Okely1; Ayman F. Refaie1
1Urology & Nephrology Center, Egypt; 2Nephrology Department, Faculty of Medicine, Zagazig University, Egypt
MP061
THE SINGLE INCISION, SINGLE SURGEON NEPHRECTOMY: AN ADVANCED, OPEN DONOR NEPHRECTOMY TECHNIQUE
Nadey Hakim1; Pierpaolo Dicocco2; David Hakim1
1Imperial College London, United Kingdom; 2Imperial College Healthcare Nhs Trust, United Kingdom

MP062
OUTCOMES OF KIDNEY TRANSPLANTATION USING GRAFTS WITH MULTIPLE RENAL ARTERIES
Vadims Suhorukovs1; Janis Jushinskis2; Viktors Sheveljovs2; Ieva Ziedina3; Alexandrs Malcevs2; Viktoria Perekresta2; Rafails Rozentals2
1Riga Stradins University, P.Stradins Hospital, Latvia; 2Riga Stradins University, Latvia

MP063
LAPAROSCOPIC NEPHRECTOMY IN HEMODIALYSIS PATIENTS WITH POLYCYSTIC KIDNEY DISEASE AS A STANDARD FOR INCLUDING IN THE KIDNEY WAITING LIST
Oleg Reznik1; Alexey Ananiev1; Evgeny Nevirovich1; Vasily Daineko1; Andrey Skvortsov1; Alexey Kutenkov1; Denis Kuzmin1
1St Petersburg First Pavlov State Medical University, Russian Federation; 2St. Petersburg State Research Institute for Emergency, Russian Federation

MP064
SUCCESSFUL LIVER TRANSPLANTATION USING A JUMP GRAFT FOR DIFFUSE PORTAL VEIN THROMBOSIS DUE TO PORTO-BILIARY FISTULA CAUSED BY RADIOFREQUENCY ABLATION
Young-Dong Yu1; Dong-Sik Kim1; Jae-Hyun Han1; Young-In Yoon1
Korea University Anam Hospital, Republic of Korea

MP065
GRAFT VOLUME INCOMPATIBLE KT: SUCCESSFUL 2 CASES
Jin Ho Lee1; Dong Yeol Lee1; Joon Seok Oh1; Seong Min Kim1; Yong Hun Sin1; Joong Kyung Kim1; Jong Hyun Park1
1Bongseng Memorial Hospital, Republic of Korea; 2General Surgery/Bongseng Memorial Hospital, Republic of Korea

MP066
PARTIAL ALLOGRAFT NEPHRECTOMY FOR A DE-NOVO RENAL CELL CANCER DEVELOPING IN A RENAL TRANSPLANT RECIPIENT
Shakeeb Khan1; Mayar Ghazal-Aswad1; Shafiq Chughtai1; John Black1; Stalin Dharmayan1; Tahir Doughman1; Roger Kockelbergh2; Atul Bagul1
1Department of Renal Transplant, University Hospitals of Leicester, United Kingdom; 2Department of Urology, University Hospitals of Leicester, United Kingdom

MP067
THE USE OF HAND ASSISTED RETROPERITONEOSCOPIC NEPHRECTOMY TECHNIQUE FOR SINGLE INCISION SIMULTANEOUS NATIVE NEPHECTOMY AND LIVING DONOR KIDNEY TRANSPLANTATION: REPORT OF TWO CASES
İlhami Soykan Barlas1; Emin Barış Akin1; Murat Dayangac1; Ayse Sinangil1; Ahmet Vedat Celik1; Tevfik Ecder1
Istanbul Bilim University Sisli Florence Nightengale Hospital, Turkey

MP068
EFFECTS OF THROMBECTOMY IN EARLY HEPATIC ARTERY THROMBOSIS AFTER LIVER TRANSPLANTATION IN LONG-TERM OBSERVATION
Jacek Pawlicki1; Wojciech Wystrachowski1; Jacek Ziaja1; Lech Cierpka1; Robert Król1
Medical University of Silesia in Katowice, Poland
18:25 MP069
A NEW SURGICAL TECHNIQUE OF EN BLOC KIDNEY TRANSPLANTATION FROM DECEASED INFANT DONORS INTO ADULT RECIPIENTS
Bin Liu; Fanjun Zeng
Tongji Hospital, China

18:30 MP070
«SHORT» RIGHT RENAL VEIN IN LIVING DONOR KIDNEY TRANSPLANTATION
Rostyslav Zhuk¹; Ihor Kobza¹; Yuriy Orel¹; Oksana Rusyn²; Danylo Fedoriv²; Yaroslav Yarema²; Borys Dyachyshyn²; Oleh Zubenko²; Lesya Lyubinetska²; Ihor Yakovlev²; Roman Savron²; Ihor Boykiv²
¹Lviv National Medical University, Ukraine; ²Lviv Regional Clinical Hospital, Ukraine

18:35 MP071
EXTRA-RENAL MYCOTIC PSEUDOANEURYSM AFTER KIDNEY TRANSPLANTATION, A SERIOUS LIVE THREATENING CONDITION OR A CONTROLLABLE COMPLICATION. CASE PRESENTATION AND LITERATURE REVIEW
Alaa Gawish¹; Farouk Donia²; Saed Moniri²; Bobby George²; Mostafa Al Mosawi²
¹Hamed Al Essa Organ Transplant Center, Canada; ²Hamed Al Essa Organ Transplantation Center, Kuwait

18:40 MP072
LATE DEHISCENCE OF ARTERIAL ANASTOMOSIS IN KIDNEY TRANSPLANTATION: CASE REPORT
Cristiano Parise; Elia Zani; Veronica Raveglia; Marco Calussi; Domenico Iovino; Giuseppe letto; Gabriele Soldini; Matteo Tozzi; Giulio Carcano
Ospedale Di Circolo E Fondazione Macchi, Italy

19.00 – 20.00 Networking Event
Monday 25 September

EDUCATIONAL TRACK SESSION 1

07.30 – 09.00

**Histocompatibility: your worst nightmare?**

**CHAIR:** Frans Claas, Leiden, The Netherlands  
David Taube, London, United Kingdom

07.30  
Learning objectives assessment

07.45  
Application of Luminex® assays before and after transplantation  
Christophe Legendre, Paris, France

08.00  
From actual towards virtual crossmatch  
Craig Taylor, Cambridge, United Kingdom

08.15  
HLA epitope matching  
Sebastiaan Heidt, Leiden, The Netherlands

08.30  
Hidden sensitization: the memory B cell repertoire  
Oriol Bestard, Barcelona, Spain

EDUCATIONAL TRACK SESSION 2

07.30 – 09.00

**Live donation**

**CHAIRS:** Paolo Muiesan, Birmingham, United Kingdom  
Raj Thuraisingham, London, United Kingdom

07.30  
Learning objectives assessment

07.45  
Laparoscopy replacing open surgery in live liver donation  
Ki Hun Kim, Seoul, South Korea

08.00  
Governance and near miss events in live liver donation  
Jan Lerut, Belgium

08.15  
Minor clinical abnormalities in kidney donors  
Rachel Hilton, London, United Kingdom

08.30  
Teaching minimally-invasive live donor nephrectomy  
Lloyd Ratner, New York, United States

08.00 – 09.00

Full oral sessions

08.00 – 09.00

**OS01** Experimental strategies to ameliorate kidney ischemia-reperfusion injury  
**CHAIRPERSON(S):** Joan Torras, Barcelona, Spain; Benoit Barrou, Paris, France

08.00

**OS001**  
LIPID CATABOLISM PROVIDES ALTERNATIVE ENERGY SOURCE AND COMPENSATES FOR MITOCHONDRIAL DYSFUNCTION IN REPERFUSED KIDNEYS AFTER WARM ISCHAEMIA  
Honglei Huang¹; Leon Dullemen²; Zeeshan M Akhtar³; Maria-Letizia Lo Faro⁴; Zhanru Yu⁵; Alessandro Valli⁶; Roman Fischer⁷; Maria Kaisar⁸; Henri GD Leuvenink⁹; Benedikt M Kessler¹⁰; Rutger Ploeg¹¹  
¹University of Oxford, United Kingdom; ²Department of Surgery, University Medical Centre Groningen, The Netherlands; ³Nuffield Department of Medicine, University of Oxford, United Kingdom; ⁴University Medical Centre Groningen, The Netherlands

08.07

**OS002**  
RENAL ISCHEMIA REPERFUSION INJURY IS ATTENUATED IN C5AR2 DEFICIENT MICE VIA FGF1 AND AKT DEPENDENT SIGNALLING PATHWAYS  
Anja Thorenz¹; Katja Hueper¹; Christoph Schroeder¹; Rongjun Chen¹; Bennet Hensen¹; Song Rong¹; Martin Meier¹; Hermann Haller¹; Andreas Klos¹; Faikah Gueler¹  
¹Hannover Medical School, Germany; ²German Cancer Center, Scimomics, Germany
08.14  **OS003**  
IPC REDUCES IRI IN THE RAT KIDNEY BY REPRESSING ITS UNIQUE MICRORNA EXPRESSION PROFILE  
Usman Khalid; Robert Jenkins; Gilda Pino-Chavez; Timothy Bowern; Rafael Chavez; Donald Fraser  
¹Cardiff Transplant Unit, University Hospital of Wales, United Kingdom; ²Wales Kidney Research Unit, Cardiff University School of Medicine, Cardiff University, United Kingdom; ³Cardiff Transplant Unit, University Hospital of Wales, United Kingdom

08.21  **OS004**  
ADMINISTRATION OF MESENCHYMAL STROMAL CELLS BEFORE RENAL ISCHEMIA/REPERFUSION ATTENUATES KIDNEY INJURY AND MODULATES RENAL LIPID METABOLISM IN RATS  
Pauline Erpicum; Pascal Rowart; Laurence Poma; Jean-Marie Krzesinski; Olivier Detry; François Jouret  
Centre Hospitalier Universitaire de Liège, Belgium

08.28  **OS005**  
COLLECTIN-11 PROMOTES RENAL TUBULOINTERSTITIAL FIBROSIS FOLLOWING RENAL ISCHEMIA REPERFUSION  
Weiju Wu; Chengfei Liu; Conrad Farra; Liang Ma; Xia Dong; Ke Li; Steve Sacks; Wuding Zhou  
¹King’s College London, United Kingdom; ²Xi’an Jiaotong University, China

08.35  **OS006**  
DIRECT COMPARISON OF HYPOTHERMIC AND NORMOTHERMIC MACHINE PERFUSION IN A PORCINE EX-VIVO KIDNEY MODEL  
Natalie Vallant; Nienke Wolfhagen; Bynvant Sandhu; Charles Pusey; Vassilios Papalois  
¹Imperial College London, United Kingdom; ²Erasmus Medical University, The Netherlands; ³Harvard Medical University, United States

08.42  **OS007**  
PRELIMINARY RESULTS ON IMPACT OF DIFFERENT MACHINE PERFUSION STRATEGIES ON EARLY RENAL FUNCTION IN A PORCINE DCD AUTO-TRANSPLANT MODEL  
Tom Daruis; Pierre Gianello; Antoine Buemi; Luc De Pauw; Martine de Meyer; Michel Mourad  
¹Cliniques Universitaires Saint Luc, Belgium; ²Cliniques universitaires Saint Luc, Université Catholique de Louvain, Institut de Recherche Expérime, Belgium

08.49  **OS008**  
EX VIVO NORMOTHERMIC RENAL HEMO-PERFUSION: A FUNCTIONAL EXPLORATION OF PERFUSION, FILTRATION, TRANSPORT AND RESPIRATORY PERFORMANCES OF PIG KIDNEYS AFTER SHORT-TERM COLD-STORAGE  
Jacques Kaminski; Ludovic Mercier; Arjan van der Plaats; Rutger Ploeg; Thomas Minor; Henri Leuvenink; Thierry Hauert; Patrick Hannaert  
¹IRTOIMIT, INSERM UMR 1082, CHU de la Milétrie, Poitiers, France; ²Organ Assist BV, Groningen, The Netherlands; ³Dept of Surgery, Nuffield Department of Surgical Science, University of Oxford, United Kingdom; ⁴Dept for Surgical Research/General Surgery, University Hospital Essen, Germany; ⁵Dept of Surgery, University Medical Center, University of Groningen, The Netherlands

08.00 – 09.00  **OS02**  
Advancements and challenges in innate immunity  
CHAIR(S): Carla Baan, Rotterdam, The Netherlands, Edward Geissler, Regensburg, Germany

08.00  **OS009**  
GENERATION OF NATURAL ANTIBODIES POST TRANSPLANT AND ASSOCIATION WITH KIDNEY ALLOGRAFT LOSS  
Sarah See; Alexandre Loupy; Olivier Aubert; Yokarla Veras; Xaxier Lebreton; Baoshan Gao; Christophe Legendre; Dany Anglicheau; Emmanuel Zorn  
¹Columbia University Medical Center, United States; ²Hôpital Necker, Université Paris Descartes, France; ³The First Hospital of Jilin University, Changchun, China
**OS010**

**NATURAL KILLER CELLS ARE POTENT EFFECTORS OF THROMBOINFLAMMATORY ENDOTHELIAL DYSFUNCTION ASSOCIATED TO ANTIBODY-MEDIATED TRANSPLANT VASCULOPATHY**

Tristan Legris¹; Luc Lyonnet²; Christophe Picard³; Chloe Dumoulin⁴; Stephane Robert⁵; Jeremy Bez⁶; Francoise Dignat George⁷; Stephane Burtey⁸; Florence Sabatier⁹; Philippe Poncelet⁶; Pascale Paul⁸

¹Assistance Publique Hopitaux de Marseille, Nephrology Dialysis Renal Transplantation Center, Hopital, France; ²Assistance Publique Hopitaux de Marseille, Hematology vascular biology and cell therapy department, France; ³Etablissement Francais du Sang, Alpes Mediterranée, Aix-Marseille Université, CNRS, EFS, ADES UMR 72, France; ⁴Assistance Publique Hopitaux de Marseille, Cell Therapy Department, Hopital de la Conception, France; ⁵INSERM U1076, Aix Marseille University, Marseille, France; ⁶BioCytex R&T dept, Marseille, France; ⁷INSERMU1076, Assistance Publique Hopitaux de Marseille, Cell Therapy Department, CIC-1409 LCTC, France; ⁸INSERM U1076, Aix Marseille University, Hematology Vascular Biology and Cell Therapy Unit, Hopital C, France

**OS011**

**IMMUNOSUPPRESSIVE TREATMENT ALTERS GUT MICROBIOTA AND MODIFIED GUT MICROBIOTA AFFECTS IMMUNE STATUS**

Zijian Zhang; Xiaopeng Hu

Beijing Chaoyang Hospital, China

**OS012**

**TOLL-LIKE RECEPTOR (TLR)-3 A NOVEL TARGET FOR THE PREVENTION OF ISCHEMIA-REPERFUSION INJURY IN CARDIAC TRANSPLANTATION**

Thomas Resch¹; Hannah Esser¹; Vanessa Mellitzer¹; Susanne Ebner¹; Benno Cardini²; Rupert Oberhuber³; Florian Primavesi³; Rafael Moling³; Dietmar Öfner³; Jakob Troppmair³; Stefan Schneeberger⁴; Georg Schäfer⁴; Johannes Holfeld⁵; Can Tepekoeylue⁵

¹Center of Operative Medicine, Department for Visceral, Transplant and Thoracic Surgery, Innsbruck Me, Austria; ²Department of Pathology, Innsbruck Medical University, Austria; ³Department for Cardiac Surgery, Innsbruck Medical University, Austria

**OS013**

**IMPACT OF CULTURE EXPANSION AND INFLAMMATORY CYTOKINE CHALLENGE ON DNA METHYLATION PROFILES IN MSC**

Samantha de Witte¹; F Peters²; A Merino³; S Korevaar³; S Elliman⁴; P Newsome⁵; J van Meurs⁶; K Boer³; C Baan³; M Hoogduijn²

¹Erasmus MC, University Medical Center Rotterdam, The Netherlands; ²Erasmus MC, The Netherlands; ³Orbsen Therapeutics Ltd., Ireland; ⁴Department of NIHR Liver Biomedical Research Unit and Centre for Liver Research, University of Birmi, United Kingdom

**OS014**

**TRACKING AND FATE OF UMBILICAL CORD DERIVED MSC AFTER INTRAVENOUS INFUSION IN MICE**

Samantha de Witte¹; F Luk²; M. Gargesha³; A Merino³; S Elliman³; P Newsome⁴; D Roy⁵; M Betjes⁶; C Baan³; M Hoogduijn²

¹Erasmus MC, University Medical Center Rotterdam, The Netherlands; ²Department of Internal Medicine, Erasmus MC, The Netherlands; ³BioInVision Inc., United States; ⁴Erasmus MC, The Netherlands; ⁵Orbsen Therapeutics Ltd., Ireland; ⁶Department of NIHR Liver Biomedical Research Unit and Centre for Liver Research, United Kingdom; ⁷Department of Internal Medicine, Erasmus MC, Rotterdam, The Netherlands

**OS015**

**UNDERLYING MECHANISMS INVOLVED IN IMMUNOCLOAK**

Lauren Brasile¹; Nicholas Henry²; Bart Stubenitsky²

¹Breonics Inc., United States; ²St. Antonius Hospital, The Netherlands
OS016
NK CELLS PREFERENTIALLY TARGET MATURE LYMPHOCYTES UNDER INFLAMMATORY CONDITIONS BY MISSING-SELF RECOGNITION
Benedikt Mahr; Nicolas Granofszky; Nina Pilat; Svenja Maschke; Karin Hock; Thomas Wekerle
Medical University of Vienna / Section of Transplantation Immunology, Austria

OS003 The DCD session
CHAIR(S): Chris Watson, Cambridge, United Kingdom; Krister Höckerstedt, Helsinki, Finland

OS017
INFLUENCE OF TYPE II DONATION AFTER CARDIAC DEATH IN HEPATOCELLULAR CARCINOMA RECEPIENTS
Oana Anisa Nutu; Iago Justo Alonso; María García Conde Delgado; Alejandro Manrique Municio; Jorge Calvo Pulido; Alberto Maracuczko Quinto; Álvaro García Sesma; Félix Cambra Molero; Óscar Caso Maestro; Pilar Del Pozo Elso; Isabel Lechuga Alonso; Carmelo Loinaz Segurola; Carlos Jiménez Romero
Unidad de Cirugía Hepatobiliopancreática y Trasplante, Hospital Universitari 12 de Octubre, Spain

OS018
PREVENTION OF ISCHEMIC CHOLANGIOPATHY AFTER DCD LIVER TRANSPLANTATION: ROLE OF THROMBOLYTIC DONOR FLUSH AND SHORT COLD ISCHEMIA TIME
Chandrashekhar Kubal; Plamen Mihaylov; Jonathan Fridell; Burcin Ekser; Richard Mangus
Indiana University School of Medicine, Indianapolis, Indiana, United States

OS019
NORMOTHERMIC REGIONAL PERFUSION OF DONORS FOLLOWING CIRCULATORY DEATH IS ASSOCIATED WITH IMPROVED OUTCOMES AND NO CHOLANGIOPATHY
Chris Watson1; Elizabeth Mowlem2; Keziah Crick3; Corrina Fear3; Lucy Randle4; Simon Messer5; Stephen Large1
1University of Cambridge, United Kingdom; 2Cambridge University Hospitals NHS Trust, United Kingdom; 3Cambridge University Hospitals, CAMBRIDGE, United Kingdom; 4OrganOx Ltd, United Kingdom; 5Papworth Hospital, United Kingdom

OS020
THE OUTCOMES OF DCD TYPE 3 LIVER TRANSPLANTATION IN THREE WELL-ESTABLISHED TRANSPLANT CENTRES
M. van Reeven1; I. Scalera2; N. Gilbo3; J.N.M. Jzermans1; J. Pirene4; P. Muiesan2; W.G. Polak1
1Division of Hepatopancreatobiliary and Transplantation Surgery, Dept. of Surgery, Erasmus University, The Netherlands; 2The Liver Unit, Queen Elizabeth Hospital Birmingham, United Kingdom; 3Division of Abdominal Surgery and Transplantation, Dept. of Surgery, University Hospital Leuven, Belgium

OS021
FACING PROLONGED WARM ISCHEMIA TIME IN DONATION AFTER CARDIAC DEATH LIVER TRANSPLANTATION: RESULTS OF THE FIRST ITALIAN SERIES
Riccardo De Carlis; Fabio Ferla; Andrea Lauterio; Vincenzo Buscemi; Stefano Di Sandro; Matteo Tripepi; Cinzia Poli; Anna Mariani; Iacopo Mangoni; Luciano De Carlis
General Surgery and Transplantation, Niguarda Ca’ Granda Hospital, Milan, Italy

OS022
THE FIRST PROTOCOL IN SCANDINAVIA FOR CONTROLLED DONATION AFTER CIRCULATORY DEATH USING NORMO-THERMIC REGIONAL PERFUSION
Stein Foss1; Dag Wendelbo Sørensen2; Torgunn Syversen2; Espen Nordheims2; Per-Arne Bakkan1; Man-Ånne L Ringdal3; Pål-Dag Line4; Arnt Fiane5; Aksel Foss1; Odd Geiran3
1Oslo University Hospital Rikshospitalet Department of Transplantation Medicine, Norway; 2Oslo University Hospital Ullevål, Department of Intensive Care Medicine, Norway; 3Oslo University Hospital Rikshospitalet, Department of Cardiothoracic Surgery, Norway
THE INTRODUCTION OF A DCD DONOR ASSESSMENT PATHWAY HAS INCREASED DCD REFERRALS, PROCEEDING DCD DONORS AND DECREASED THE RATE OF UNNECESSARY FAMILY APPROACHES FOR CONSENT
Andrew Broderick
NHS Blood and Transplant, United Kingdom, United Kingdom

IMPROVING THE OUTCOMES OF ORGANS OBTAINED FROM CONTROLLED DONATION AFTER CIRCULATORY DEATH DONORS USING ABDOMINAL NORMOTHERMIC REGIONAL PERFUSION
Eduardo Mirambres1; Maite Arlaban2; Nuria Lavid3; Jose Luis Gutierrez-Baños4; Monica Gonzalez-Noriega5; Inmaculada Garcia-Montesinos6; Valentin Tascón7; Carlos Alvarez de Arriba8; Maria Angeles Ballesteros9
1Transplant Coordination Unit & Service of Intensive Care. University Hospital Marqués de Valdecilla-, Spain; 2Intensive Care Unit. University Hospital Marques de Valdecilla, Spain; 3Transplant Coordination Unit. University Hospital Marqués de Valdecilla-IDIVAL, Santander, Spain; 4Service of Urology. University Hospital Marqués de Valdecilla-IDIVAL, Santander, Spain; 5Service of General Surgery. University Hospital Marqués de Valdecilla-IDIVAL, Santander, Spain; 6Perfusionist Nurse. University Hospital Marqués de Valdecilla-IDIVAL, Santander, Spain; 7Service of Cardiovascular Surgery. University Hospital Marqués de Valdecilla-IDIVAL, Santander, Spain; 8Service of Thoracic Surgery. University Hospital Marqués de Valdecilla-IDIVAL, Santander, Spain; 9Transplant Coordination Unit. University Hospital Marqués de Valdecilla-IDIVAL, Santander, Spain

GLOBAL EXPRESSION PROFILES OF MIRNA IN ONE-HOUR BIOPSY SPECIMENS OF HUMAN KIDNEY TRANSPLANTATION FROM DONORS AFTER CARDIAC DEATH
Mamoru Kusaka1; Kazuya Shiogama2; Akihiro Kawai3; Masashi Takenaka1; Naohiko Fukami3; Taihei Ito4; Hitomi Sasaki1; Takashi Kenmochi5; Ryoichi Shiroki6; Kiyotaka Hoshinaga7
1Department of Urology, Fujita Health University, Japan; 2First Department of Pathology, Fujita Health University, Japan; 3Department of Organ Transplant Surgery, Fujita Health University, Japan; 4Fujita Health University, Japan

METALLOTHIONEINS 1 AND 3 DISCRIMINATE ACCOMMODATION AND ANTIBODY MEDIATED REJECTION IN KIDNEY TRANSPLANTATION
Petra Hruba1; Zdenek Krejcik2; Viktor Stranecky3; Alena Parikova4; Janka Slatinska4; Ilija Striz5; Jiri Fronek6; Eva Honsova7; Ondrej Viklicky8
1Transplant Laboratory, Institute for Clinical and Experimental Medicine, Czech Republic; 2Institute of Hematology and Blood Transfusion, Czech Republic; 3Institute of Inherited Metabolic Disorders, Czech Republic; 4Department of Nephrology and Transplant Center, Institute for Clinical and Experimental Medicine, Czech Republic; 5Department of Clinical and Transplant Immunology, Institute for Clinical and Experimental Medicine, Czech Republic; 6Transplant Surgery Department, Institute for Clinical and Experimental Medicine, Czech Republic; 7Department of Clinical and Transplant Pathology, Institute for Clinical and Experimental Medicine, Czech Republic

RENAL TRANSPLANT PATIENTS WITH DE NOVO DONOR-SPECIFIC HLA-ANTIBODIES HARBOUR AN INCREASED FRACTION OF ALLOSPECIFIC T-CELLS AND FOLLICULAR T-HELPER-CELLS
Julien Subburayalu1; Sebastian Dolf2; Jan Willem Cohen Tervaert3; Monika Lindemann4; Andreas Kribben1; Oliver Witzke5; Ute Eisenberger6; Benjamin Wilde7
1Department of Nephrology, University Hospital Essen, University Duisburg-Essen, Germany; 2Department of Infectious Diseases, University Hospital Essen, University Duisburg-Essen, Germany; 3Immunology, Maastricht University, The Netherlands; 4Institute of Transfusion Medicine, University Duisburg-Essen, Germany
OS028
THE ACTIVITY OF ANTIBODY-MEDIATED REJECTION IN KIDNEY TRANSPLANTATION IS REFLECTED BY ACTIVATED NATURAL KILLER CELL TRANSCRIPTS: THE BIOMARGIN STUDY
Saleh Yazdani1; Stephane Gazut2; Dany Anglicheau1; Wilfried Gwinner4; Marie Essig6; Pierre Marquet6; Maarten Naesens1
1Department of Nephrology and Renal Transplantation, University Hospitals Leuven, Belgium; 2Laboratoire Analyse de Données et Intelligence des Systèmes, CEA LIST, France; 3Department of Nephrology and Kidney Transplantation, Necker Hospital, France; 4Department of Nephrology, Hannover Medical School, Germany; 5U850 INSERM, Univ. Limoges, CHU Limoges, France

OS029
COMPLEMENT-MEDIATED ISCHEMIA REPERFUSION INJURY INDUCED KIDNEY SENESCENCE BY MODULATING DNA METHYLATION IN TUBULAR EPITHELIAL CELLS
Rossana Franzin1; Fabio Sallustio1; Alessandra Stasi1; Chiara Divella1; Giuseppe Lucarelli2; Antonio Crovace3; Paola Pontrelli3; Simona Simone3; Michele Battaglia3; Giuseppe Grandaliano3; Loreto Gesualdo1; Giuseppe Castellano1
1University of Bari, Italy; 2University of Bari, Italy

OS030
DELAYED GRAFT FUNCTION OUTCOME IS ASSOCIATED WITH SENESCENCE PROGRAMMES
Dagmara McGuinness1; Suhaib Mohammed2; Laura Monaghan1; David B Kingsmore2; Oliver Shapter1; Karen S Stevenson2; Paul G Shiel1
1University of Glasgow, ICS, WWTCRC, United Kingdom; 2EMBL, United Kingdom; 3NHS Greater Glasgow and Clyde, Renal Transplant Unit, United Kingdom

OS031
AGING IS ASSOCIATED WITH EPIGENETIC CHANGES IN GENES INVOLVED IN RENAL FIBROSIS: AN EPIGENOME-WIDE ASSOCIATION STUDY
Line Heylen1; Ben Sprangers1; Pieter Busschaert1; Bernard Thienpont2; Matthieu Moisse2; Dirk Kuypers1; Diether Lambrechts2; Maarten Naesens1
1University Hospitals Leuven, Belgium; 2VIB, Belgium

OS032
A STUDY OF EPIGENETIC DYNAMICS OF RENAL ALLOGRAFT: FROM ISCHEMIA/REPERFUSION INJURY TO LONG-TERM ALLOGRAFT FUNCTION
Vineela Sai Bontha1; Daniel Maluf2; Kellie Archer3; Mikhail Dozmorov4; Valeria Mas2
1UVA HS, United States; 2UVAHS, United States; 3OSU, United States; 4VCU HS, United States

OS05
Immunosuppression: clinical to experimental
CHAIR(S): Jose Maria Morales, Madrid, Spain; Lionel Rostaing, Toulouse, France

OS033
DO CLINICAL TRIALS REFLECT REALITY? A SYSTEMATIC REVIEW OF INCLUSION/EXCLUSION CRITERIA IN TRIALS OF RENAL TRANSPLANT IMMunosupPRESSION
Anam A. Ayaz-Shah1; Samia Hussain2; Simon R. Knight2
1Centre for Evidence in Transplantation Clinical Effectiveness Unit, Royal College of Surgeons of Eng, United Kingdom; 2Nuffield Department of Surgical Sciences, Oxford Transplant Centre and Centre for Evidence in Transplantation, United Kingdom

OS034
A PHASE-TWO, RANDOMISED, PLACEBO-CONTROLLED TRIAL OF BELIMUMAB IN RENAL TRANSPLANTATION SUGGESTS DE NOVO ANTIBODY FORMATION IS REDUCED IN BELIMUMAB TREATED PATIENTS
Shaun Flint1; Gemma Banham2; Nicholas Torpey3; Don Shanahan1; Anne-Marie O’Sullivan4; Rachel Jones1; Lars Erwig1; Caroline Savage1; Robert Henderson1; Menna Clatworthy2
1GlaxoSmithKline, United Kingdom; 2Department of Medicine, University of Cambridge School of Clinical Medicine, United Kingdom; 3Cambridge University Hospitals NHS Foundation Trust, United Kingdom
OS035
EFFICACY AND SAFETY OF IGURATIMOD IN HIGHLY SENSITIZED PATIENTS WITH OR WITHOUT RENAL GRAFT: A PRELIMINARY RETROSPECTIVE CASE SERIES
Hao Chen; Jun Tao; Zhijian Han; Xiaobing Ju; Li Sun; Shuang Fei; Wanli Zhou; Zhiwang Tang; Chunchun Zhao; Hongliang Que; Ruoyun Tan; Min Gu
Department of Urology The First Affiliated Hospital with Nanjing Medical University, China

OS036
TACROLIMUS AND MYCOPHENOLATE REGIMEN AND SUBCLINICAL TUBULO-INTERSTITIAL INFLAMMATION IN LOW IMMUNOLOGICAL RISK RENAL TRANSPLANTS
Irina Torres1; Anna V Reisæter2; Francesc Moreso3; Anders Åsberg4; Marta Vida5; Clara García Carro6; Maite Salcedo7; Karsten Midtveld8; Finn P. Reinhold9; Christina Dörje10; Joana Selarés11; Manel Perelló12; Hallvard Holdaas8; Daniel Serón12
1 Hospital Universitari Vall d'Hebron., Spain; 2Transplant Medicine. Oslo University Hospital, Norway; 3Transplant Medicine and School of Pharmacy. Oslo University Hospital. Rikshospitalet., Norway; 4Pathology Department. Hospital Universitari Vall d’Hebron., Spain; 5Nephrology Department. Hospital Universitari Vall d’Hebron., Spain; 6Pathology Department. Hospital Universitari Vall d’Hebron., Spain; 7Pathology Department. Hospital Universitari Vall d’Hebron., Spain; 8Transplant Medicine. Oslo University Hospital Rikshospitalet, Norway; 9Pathology Departments . Oslo University Hospital. Rikshospitalet., Norway; 10Transplant Medicine. Oslo University HospitalRikshospitalet, Norway; 11Departments, Hospital Universitari Vall d’Hebron., Spain; 12Nephrology Department. Hospital Vall d’Hebron. Barcelona, Spain

OS037
KIDNEY RECIPIENTS WITH 10 YEAR BELATACEPT-TREATMENT DISPLAY AN ALTERED T CELL SUBSET COMPOSITION AND LOW PLASMA CYTOKINE LEVELS COMPARED TO MATCHED PATIENTS WITH CNI-BASED IMMUNOSUPPRESSION
Christine S. Falk1; Christine Neudörfl1; Katherina Katsrintaki1; Jürgen Klempnauer2; Frank Lehner2; Gerrit Grannas2
1Institute of Transplant Immunology MHH, Germany; 2Dept. of Visceral, Transplant and Vascular Surgery MHH, Germany

OS038
ANTI-GAL AND ANTI-NEU5GC RESPONSES IN NON-IMMUNOSUPPRESSED PATIENTS FOLLOWING TREATMENT WITH ANTI-THYMOCYTE GLOBULIN
Apolline Salama1; Gwénaëlle Evanno2; Noha Lim3; Juliette Rousse1; Ludmilla Le Berre1; Arnaud Nicot1; Jean-Marie Bach1; Sophie Brouard1; Kristina M Harris1; Mario R Ehlers3; Stephen E Gitelman4; Jean-Paul Souliou1
1Centre de Recherche en Transplantation et Immunologie UMR1064, INSERM, Université de Nantes, ITUN, C, France; 2Xenothera, France; 3Biomarker Discovery Research, Immune Tolerance Network, Bethesda, MD, United States; 4IECM, Immuno-endocrinology, EA4644 Oniris, University of Nantes, USC1383 INRA, Oniris, France; 5Clinical Trials Group, Immune Tolerance Network, San Francisco, CA, United States; 6Division of Pediatric Endocrinology and Diabetes, University of California San Francisco, San Francisco, United States

OS039
TRANSIENT ANTIBODY TARGETING OF CD45RC INDUCES TRANSPLANTATION TOLERANCE AND POTENT DONOR ANTIGEN-SPECIFIC REGULATORY T CELLS
Elodie Picarda1; Séverine Bézie1; Laetitia Boucault1; Elodie Autrusseau1; Stephanie Kilens1; Dimitri Meistermann1; Bernard Martinet2; Veronique Daguin1; Audrey Donnart2; Eric Charpentier2; Laurent David1; Ignacio Anegor1; Carole Guillonneau1
1INSERM U1064, France; 2INSERM UMR 1087, France

OS040
IMMUNOSUPPRESSORS (CSA, MCA, IVIG) DIRECTLY ACT UPON ENDOTHELIAL CELLS RESULTING IN ALTERED ABILITY TO TRIGGER CD4+ T CELL INFLAMMATORY RESPONSES
Julien Lion1; Maren Burbach1; Amy Cross1; Karine Poussin1; Cécile Taflin1; Alain Haziot1; Denis Giotz1; Nuala Mooney2
1INSERM U1160, Hôpital St LOUIS, 75010 PARIS, France; 2LabEx TransplEx, Service de Néphrologie, Hôpital Saint LOUIS, 75010 PARIS, France; 3LabEx TransplEx, INSERM U1160, Hôpital St Louis, 75010 PARIS, France
08.00 – 09.00 **OS06 Quality and outcomes in pancreas and islet transplantation**  
**Room 124**  
**CHAIRPERSON(s): Helmut P. Arbogast, Munich, Germany**

08.00 **OS041 DEVELOPMENT OF AN MRI SCORE TO ASSESS THE QUALITY OF PANCREAS GRAFTS PRIOR TO TRANSPLANTATION**

*Maurits A Jansen*¹; *Sorina M Cornateanu*²; *Ross J Lennen*¹; *Gabriel C Oniscu*²

¹University of Edinburgh; ²Transplant Unit Royal Infirmary of Edinburgh, United Kingdom

08.07 **OS042 IDENTIFYING A METABOLIC SURROGATE MARKER FOR PANCREAS GRAFT FAILURE**

*Shruti Mittal*¹; *Rachel Franklin*²; *Jonathan Levy*²; *Peter Friend*²; *Edward Sharplas*²

¹Oxford Transplant Centre, Nuffield Department of Surgical Sciences, University of Oxford, United Kingdom; ²Oxford Transplant Centre, United Kingdom

08.14 **OS043 THE 10 YR OUTCOME OF PANCREAS TRANSPLANT ALONE (PTA) IN TYPE 1 DIABETES (T1D)**

*Fabio Vistoli*; *Margherita Occhipinti*; *Gabriella Amorese*; *Carlo Lombardo*; *Piero Marchetti*; *Ugo Boggi*

University Hospital of Pisa, Italy

08.21 **OS044 OUTCOMES AFTER BLADDER AND ENTERIC DRAINAGE FOR PANCREAS TRANSPLANTATION ONLY**

*Rumyana Smiljevska*¹; *Shruti Mittal*¹; *Irene Bellini*²; *James Gilbert*¹; *Rachel Franklin*¹; *Clare Hammer-Williams*¹; *Sinhay Sinha*¹; *Shrikant Reddy*¹; *Isabel Quiroga*¹; *Simon Knight*¹; *Edward Sharplas*¹; *Rutger Ploeg*¹; *Peter Friend*¹

¹Oxford University Hospitals NHS Foundation Trust, United Kingdom; ²Imperial College Health Care NHS Trust, United Kingdom

08.28 **OS045 AUTOANTIBODIES AGAINST PANCREAS PREDICT WORSE GRAFT FUNCTION AND INCREASED PRO-INFLAMMATORY STATUS AFTER PANCREAS-KIDNEY TRANSPLANTATION**

*Cristian Rodelo-Haad*¹; *Marisa Agüera*²; *Andres Carmona*¹; *Julia Carracedo*¹; *Alberto Rodriguez-Benot*²; *Pedro Aljama*²

¹Maimonides Biomedical Research Institute of Cordoba. Cordoba, Spain; ²Reina Sofia University Hospital. Cordoba, Spain

08.35 **OS046 PREDICTING 1-YEAR INSULIN INDEPENDENCE BY SINGLE FASTING BLOOD SAMPLE BASED INDICES IN TYPE 1 DIABETIC ISLET ALLOGRAFT RECIPIENTS**

*Justyna Golebiewska*¹; *Julia Solomina*²; *Evelyn Konsur*²; *Kamil Cieply*²; *Lindsay Basto*²; *Alexander Kotukhov*²; *Karolina Golab*²; *Celeste Thomas*²; *Alicja Dębska-Ślizień*²; *Piotr Witkowski*²

¹Medical University of Gdansk, Poland; ²Department of Surgery, University of Chicago, United States; ³Department of Medicine, University of Chicago, United States

08.42 **OS047 DOES THE CAUSE OF PRIMARY GRAFT FAILURE AFFECTS LONG TERM RESULTS IN PANCREAS RE-TRANSPLANTATION?**

*Lilia Martinez de la Maza*; *Joana Ferrer*; *Maria Jose Ricart*; *Miguel Angel Lopez-Boado*; *Emiliano Astudillo*; *Santiago Sanchez-Cabus*; *Ramon Rull*; *Laureano Fernandez-Cruz*; *Juan Carlos Garcia-Valdecasas*

Hospital Clinic, Barcelona, Spain

08.49 **OS048 EFFECT OF INTRAPANCREATIC FAT ON DIABETES RISK AFTER TOTAL PANCREATECTOMY WITH ISLET AUTOTRANSPLANTATION**

*Muhammed Kizilgul*¹; *Melena D. Bellin*²; *Muhamad Abdulla*¹; *David Heller*¹; *Gregory J. Beilman*¹; *Srinath Chinnakotla*¹; *Ty B. Dunn*¹; *Timothy L. Pruett*²; *Bernhard J. Hering*¹; *Joshua J. Wilhelm*¹

¹Schulze Diabetes Institute, University of Minnesota, Minneapolis, United States; ²Department of Pediatrics, University of Minnesota, Minneapolis, United States; ³Department of Surgery, University of Minnesota, Minneapolis, United States
08.00 – 09.00  Brief oral sessions

08.00 – 09.00  BOS09  Kidney - general. Kidney transplant management
CHAIRPERSON(S): Franco Citterio, Rome, Italy
Room 125

08.00  BOS112
ASSOCIATION BETWEEN DIPSTICK PROTEINURIA AND ALLOGRAFT OUTCOMES IN LIVING DONOR KIDNEY TRANSPLANT RECIPIENTS
Ji Yoon Choi¹; Oh Jung Kwon²
¹Asan Medical Center; ²Department of Surgery, College of Medicine, Hanyang University, Seoul, Republic of Korea

08.04  BOS113
DELAYED GRAFT FUNCTION IN KIDNEY TRANSPLANTATION: IMPACT ON GRAFT FUNCTION, RENAL TRANSPLANT SURVIVAL AND PATIENT SURVIVAL
Lilia Ben Isafar¹; Wissal Sahtout²; Awatef Azzebi³; Ferdaous Sabri¹; Yosra Gueder²; Sandra Mrabet³; Salma Toumi²; Dorsaf Zallema¹; Samira Ben amor²; Abdellatif Achour²
¹CHU Sahloul Soussa, Tunisia; ²CHU Sahloul Soussa, Tunisia

08.08  BOS114
THE MANAGEMENT OF RENAL ALLOGRAFT FAILURE
Marie Docherty; Rhodri Pyart; Sharon Warlow; Eiddwen Glynn; Clare Jones; Pramod Nagaraja; Sian Griffin
Cardiff Transplant Unit, United Kingdom

08.12  BOS115
HYDRATION AND NUTRITIONAL STATUS OF PATIENTS AFTER SUCCESSFUL KIDNEY TRANSPLANTATION
Sylwia Malgorzewicz¹; Maja Stawińska-Morawska²; Alicja Debska-Ślizień³
¹Department of Clinical Nutrition, Medical University of Gdańsk, Poland; ²Medical University of Gdańsk, Poland; ³Department of Nephrology, Transplantology and Internal Medicine, Medical University of Gdańsk, Poland

08.16  BOS116
COMPARISON OF GRAFT FUNCTION AND FACTORS OF INFLUENCE ESTIMATED WITH THREE FORMULAS BASED ON SERUM CREATININE DURING TWELVE MONTHS AFTER TRANSPLANTATION WITH BASIC FUNCTION OF DONATED KIDNEY MEASURED
Irena Rambabova Bushljetik¹; Gjulsen Selim¹; Jelka Masin Spasovska¹; Olivera Stojceva Taneva¹; Oliver Stankov²; Ladislava Grcevska¹; Goce Spasovski¹
¹University Clinic of Nephrology, The Former Yugoslav Republic of Macedonia; ²University Clinic of Urology, The Former Yugoslav Republic of Macedonia

08.20  BOS117
A CASE DIAGNOSED WITH MITOCHONDRIAL DISEASE AFTER LIVING KIDNEY TRANSPLANTATION
Naomi Ota¹; Kouichi Tutahara²; Hiroki Okushima³; Yukimasa Iwata³; Karin Shimada³; Rensuke Mitsumoto³; Rei Ito³; Tetsuya Takao³; Terumasa Hayashi³; Seiji Yamaguchi²
¹Department of Nephrology, Osaka General Medical Center, Japan; ²Department of Urology, Osaka General Medical Center, Japan; ³Department of Nephrology, Osaka General Medical Center, Japan

08.24  BOS118
BUTYRATE PRODUCING SPECIES IN RENAL DISEASE
Matty Terpstra; Marjan Sinnige; Suzanne Geerlings; Frederike Bemelman
Academic Medical Center-University of Amsterdam, The Netherlands

08.28  BOS119
IMPACT OF CALORIE RESTRICTIONS ON THE GLOMERULAR FILTRATION RATE IN KIDNEY TRANSPLANTATION PATIENTS
Magdalena Barbara Kaziuk¹; Waldemar Kosiba²; Marek Jan Kuzniewski³
¹Jagiellonian University Medical College, Poland; ²2nd Internal Branch with Intensive Cardiology Care of the Zeromski Hospital in Krakow, Poland; ³Jagiellonian University Medical College Chair and Department of Nephrology, Krakow, Poland
08.32  BOS120  
PATIENT SURVIVAL IN KIDNEY TRANSPLANT EXPANDED CRITERIA DONORS: IMPACT OF STEROID WITHDRAWAL  
Veronica Lopez; Mercedes Cabello; Pedro Ruiz; Cristina Jironda; Juana Alonso; Eugenia Sola; Domingo Hernandez; Teresa Vazquez  
HUR Malaga, Spain

08.40  BOS122  
GRAFT LOSS FROM ANTI-GBM NEPHRITIS: A RARE EVENT IN ALPORT SYNDROME EVEN WITH A SEVERE COL4A5/A4/A3 MUTATION  
Valentine Gillion1; Karin Dahan2; Eric Goffin2; Pascale Hilbert2; Jean-Pierre Cosyns1; Michel Jadoul1; Martine De Meyer1; Michel Mourad1; Yves Pirson1; Nada Kanaan2  
1Cliniques Universitaires Saint-Luc, Belgium; 2Institut de Pathologie et de Génétique, Belgium

08.44  BOS123  
TREATMENT WITH MYCOPHENOLIC ACID DOES NOT INCREASE MALFORMATIONS IN DESCENDANTS FROM KIDNEY TRANSPLANT RECIPIENTS MALES  
Cristian Rodelo-Haad1; Isabel Lopez-Lopez2; Marisa Agüera2; M. Dolores Navarro2; Alberto Rodriguez-Benot3; Pedro Aljama2  
1Maimonides Biomedical Research Institute of Cordoba, Spain; 2Reina Sofia University Hospital, Cordoba, Spain

08.48  BOS124  
THE IMPACT ON LONG-TERM KIDNEY FUNCTION OF THE RENAL RESISTIVE INDEX IN THE IMMEDIATE POSTOPERATIVE PERIOD AFTER KIDNEY TRANSPLANTATION: A COHORT ANALYSIS  
Stijn Bogaert1; Alexander Decruyenaere2; Philippe Decruyenaere2; Patrick Peeters1; Eric Hoste2  
1Ghent University Hospital, Belgium; 2Clinical Research-Foundation (FWO), Belgium

08.52  BOS125  
THE EFFECT ON GRAFT FUNCTION AND SURVIVAL OF BK VIRUS VIREMIA AND NEPHROPATHY IN RENAL TRANSPLANT PATIENTS  
Vural Taner Yilmaz1; Huseyin Kocak2; Gultekin Suleymanlar2; Ramazan Cetinkaya2; Abdullah Kisaoglu3; Dilek Colak3; Halide Akbas3; Bahar Akkaya3; Aydinli Bulent3  
1Akdeniz University Medical School Department of Internal Medicine Division of Nephrology, Turkey; 2Akdeniz University Medical School, Department of General Surgery, Turkey; 3Akdeniz University Medical School, Department of Clinical Microbiology, Turkey

08.00 – 09.00  BOS10  
Liver transplantation general  
Room 127

08.00  BOS126  
IS SIMULTANEOUS LIVER TRANSPLANTATION (OLTX) COMBINED WITH THORACIC/CARDIAC SURGERY FEASIBLE?  
Aditya Kanwar; Rohan Thakkar; Aimen Amer; Paul Williams; Ibrahim Ibrahim; Asif Hasan; John Dark; Mark Hudson; Steven Masson; Jeremy French; Colin Wilson; Gourab Sen; David Talbot; Derek Manas; Steven White  
Freeman Hospital / Institute of Transplantation/ NIHR Blood Transplant Research Unit, United Kingdom

08.04  BOS127  
COMBINED LIVER AND PANCREATIC ISLETS TRANSPLANTATION - IS IT WORTH IT?  
Matej Kocik; Kvetoslav Lipar; Libor Janousek; Milos Kucera; Martin Oliverius; Pavel Trunecka; Peter Girm; Frantisek Saudek; Jiri Fronek  
IKEM, Czech Republic
08.08   **BOS128**  
**LIVER TRANSPLANT (LTX) IN PATIENTS OVER 65 YEARS OLD: WHERE IS THE PROBLEM? EXPERIENCE OF SINGLE TRANSPLANT CENTER**  
Maria Grazia Lucà; Luisa Pasulo; Anna Baldan; Claudia Iegri; Arianna Ghirardi; Giovanna Gaffuri; Michela Guizzetti; Alessandro Aluffi; Marco Zambelli; Michele Colledan; Stefano Fagiuoli  
1Division of Gastroenterology, Hepatology and Transplantation, Papa Giovanni XXIII Hospital Bergamo, Italy; 2FROM Foundation, Papa Giovanni XXIII Hospital, Bergamo, Italy; 3Department of Surgery, Papa Giovanni XXIII Hospital, Bergamo, Italy

08.12   **BOS129**  
**COST AND RISK FACTOR ANALYSIS FOR PARTICIPATION IN REHABILITATION PROGRAMS AFTER LIVER TRANSPLANTATION**  
Heiko Mix; Lena Harries; Harald Schrem; Volker Amelung; Christian Krauth; Alexander Kaltenborn; Jill Gwiasda  
Hannover Medical School, Germany

08.16   **BOS130**  
**LOWER LEVEL OF CARE ADVERSELY IMPACTS THE OUTCOMES OF LIVER TRANSPLANTATION**  
Paolo De Simone; Paola Carrai; Stefania Petruccelli; Juri Ducci; Laura Coletti; Davide Ghinolfi; Franco Filipponi  
University of Pisa Medical School Hospital, Italy

08.20   **BOS131**  
**IDENTIFYING INDEPENDENT RISK FACTORS FOR GRAFT LOSS AFTER PRIMARY LIVER TRANSPLANTATION**  
Jill Gwiasda; Harald Schrem; Nico Richter; Jürgen Klemmpnauer; Alexander Kaltenborn  
Hannover Medical School, Germany

08.24   **BOS132**  
**RISK FACTOR OF ISCHEMIC-TYPE BILIARY LESION AFTER ABO-INCOMPATIBLE LIVING DONOR LIVER TRANSPLANTATION USING B-CELL DEPLETION PROTOCOL**  
Sung Yeon Hong; Bong-Wan Kim; Hee-Jung Wang; In-Gyu Kim; Xu-Guang Hu  
Ajou University School of Medicine, Republic of Korea

08.28   **BOS133**  
**IS IT SAFE TO USE DCD GRAFTS IN RECIPIENTS WITH PRE-TRANSPLANT PORTAL VEIN THROMBOSIS?**  
Irene Scalera; Thamara Perera; Hynek Mergental; Darius Mirza; John Isaac; Paolo Muiesan  
Queen Elizabeth Hospital, United Kingdom

08.36   **BOS135**  
**CLINICAL OUTCOMES OF OBESE RECIPIENTS (BMI≥30) IN LIVING DONOR LIVER TRANSPLANTATION**  
Chan Woo Cho; Gyu-Seong Choi; Jong Man Kim; Jae-Won Joh; Choon Hyuck David Kwon; Jongwook Oh; Suk-Koo Lee; Joo Kim Sung  
Samsung Medical Center, Republic of Korea

08.40   **BOS136**  
**IS NASH A SUITABLE INDICATION FOR DCD LIVER TRANSPLANTATION?**  
Irene Scalera; Thamara Perera; Keith Roberts; Hynek Mergental; Darius Mirza; John Isaac; Paolo Muiesan  
Queen Elizabeth Hospital, United Kingdom

08.44   **BOS137**  
**ENDOSCOPIC MANAGEMENT OF POST-LIVER TRANSPLANT BILIARY COMPLICATIONS: OUTCOME ANALYSIS OF 751 PROCEDURES**  
Paolo De Simone; Emanuele Marciano; Laura Coletti; Giulia Boni; Davide Ghinolfi; Paola Carrai; Stefania Petruccelli; Franco Filipponi  
1University of Pisa Medical School Hospital, Italy; 2General Surgery, University of Pisa Medical School Hospital, Italy
08.48 **BOS138**

**THE NOVEL USE BIODEGRADABLE SX-ELLA BILIARY STENT PLACED BY PERCUTANEOUS TRANSEPHATIC APPROACH FOR THE TREATMENT OF BILIARY STENOSIS AFTER LIVER TRANSPLANTATION**

Cristina Dopazo; Anna Curell; Iratxe Diaz; Carla Gonzalez-Junyent; Mireia Caralt; Jose Andres Molina; Elizabeth Pando; Jose Luis Lazaro; Javier Jaumpeerez; Jesus Quintero; Mercedes Perez; Itxarone Bilbao; Ramon Charco

Hospital Universitario Vall d'Hebron, Barcelona, Spain

08.52 **BOS139**

**TRANSPLANT PREGNANCY REGISTRY INTERNATIONAL: PREGNANCY OUTCOMES IN LIVER TRANSPLANT RECIPIENTS WITH HEPATITIS B**

Michael Moritz; Lisa Coscia; Dawn Armenti; Serban Constantinescu

Gift of Life Institute, Transplant Pregnancy Registry International, United States

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08.00 - 09.00 **BOS11**

**Boundaries of deceased kidney donation**

**CHAIRPERSON(S):**

08.00 **BOS140**

**3-YEAR SINGLE CENTRE EXPERIENCE WITH THE ‘ACCELERATED ORGAN ALLOCATION SYSTEMS’ (REAL, RESCUE, CENTRE OFFERS) IN THE KIDNEY TRANSPLANT PROGRAMME OF EUROTTRANSPLANT**

Katharina M Heller; Hendrik Apel

1Transplant Centre Erlangen-Nürnberg, Germany; 2Urology, University Hospital Erlangen-Nürnberg, Germany

08.04 **BOS141**

**EFFECT OF DONOR-RECIPIENT AGE MATCH IN EXPANDED CRITERIA DECEASED DONOR KIDNEY TRANSPLANTATION**

Ji Il Kim; JeongKye Hwang; In Sung Moon; Mihyung Kim; Sangil Kim; Kang Woong Jun

1Uijeongbu St Mary’s Hospital College of medicine The Catholic University, Republic of Korea; 2Daejeon St Mary’s Hospital, The Catholic University of Korea, College of Medicine, Republic of Korea; 3Yeouido St Mary’s Hospital, The Catholic University of Korea, College of Medicine, Republic of Korea; 4St Paul’s Hospital, The catholic University of Republic of Korea Korea; 5Seoul St Mary Hospital, Republic of Korea; 6Bucheon St Mary’s Hospital, The Catholic University of Korea, College of Medicine, Republic of Korea

08.08 **BOS142**

**DONOR BODY MASS INDEX AS A RISK FACTOR FOR DELAYED GRAFT FUNCTION**

Juraj Miklusica; Ivana Dedinská; Ľudovít Laca; Denisa Osinová; Mariana Lajčiaková; Alexander Sendrey; Blazej Palkoci

University Hospital Martin, Slovakia

08.12 **BOS143**

**SUCCESSFUL TRANSPLANTATION OF HUMAN KIDNEYS FROM DONOR AFTER CIRCULATORY DEATH REPUTED UNTRANSPLANTABLE BUT RESUSCITATED BY HYPOTHERMIC MACHINE PERFUSION**

Marilena Gregorini; Enrico Eugenio Minetti; Luca Novelli; Eleonora Francesca Pattonieri; Valeria Corradetti; Anna Allesina; Marta Mattiotti; Maria Antonietta Grignano; Vincenzo Sepe; Massimo Abelli; Elena Ticozzelli; Renato Rosso; Pasquale Esposito; Teresa Rampino

1Fondazione IRCCS Policlinico San Matteo and University of Pavia, Italy; 2Azienda Ospedaliero Universitaria Careggi, Italy; 3University of Pavia, Italy; 4Fondazione IRCCS Policlinico San Matteo Pavia, Italy

08.16 **BOS144**

**ROLE OF PRE-DONATION SERUM NEUTROPHIL GELATINASE ASSOCIATED LIPOCALIN (NGAL) IN ASSESSMENT OF VIABILITY OF CADAVERIC KIDNEYS FOR TRANSPLANTATION; A PILOT STUDY**

Aeliya Zaidi; Christopher Chalklin; Chantal Colmont; Jerry Warden-Smith; Elijah Ablorsu

University Hospital of Wales, United Kingdom
08.20 BOS145 OUTCOMES OF KIDNEY TRANSPLANTS FROM DONORS WITH ACUTE KIDNEY INJURY ON CONTINUOUS RENAL REPLACEMENT THERAPY (CRRT)
Yasir Qazi; Kristina Lee; Aaron Cohen; Tom Mone; Mirosolaw Smogorzewski
1Keck Medical Center at University of Southern California, United States; 2One Legacy Los Angeles, United States

08.24 BOS146 WAITING LIST REGISTRATION FOR KIDNEY TRANSPLANTATION MUST IMPROVE
Bernadette Haase; Martin Heemskerk; Willem Weimsker; Stefan Berger; Andries Hoitsma
1Dutch Transplant Foundation, The Netherlands; 2University Medical Center Groningen, The Netherlands

08.28 BOS147 ECMO PRIOR TO DEATH DCD DONATION, ARE TIMES MATURE TO INCLUDE THOSE DONORS IN A NEW DEDICATED CATEGORY?
Carolina Bianco; Ilaria Benzioni; Marinella Zanierato; Teresa Rampino; Paolo Geraci; Elena Ticozzelli; Massimo Abelli
1IRCCS Policlinico San Matteo, Pavia, Italy; 2University of Pavia, PhD in Experimental Medicine, Italy; 3Fondazione IRCCS Policlinico San matteo and University of Pavia, Italy

08.32 BOS148 CONTROLLED DONATION AFTER CIRCULATORY DEATH (CDCD) DONORS: AN OPTIMAL DONOR!
Corinne Antoine; Michel Vicedoq; B Riou; Didier Dorez; G Cheisson; Emilie Savoye; Louise Durand; Olivier Scatton; G Karam; Benoit Barrou
1Agence de la Biomédecine, France; 2CHU Nantes, France; 3CHU La Pitié, France; 4CHU Anceny, France; 5CHU Bicètre, France

08.36 BOS149 IS THERE A LIMIT TO THE USE OF VERY EXTENDED CRITERIA DONORS IN KIDNEY TRANSPLANTATION?
Eva Gavela Martinez; Asunción Sancho Calabuig; Julia Kanter Berga; Irina Sanchis; Ana Isabel Avila Bernabeu; Jose Francisco Crespo Albiach; Luis Manuel Pallardó Mateu
1Hospital Dr Peset, Spain; 2Hospital Universitario Dr Peset, Spain; 3Hospital Universitario Dr Peset, Valencia, Spain

08.40 BOS150 A BRIDGE TOO FAR? OUTCOMES OF EXPANDED CRITERIA KIDNEY TRANSPLANTATION
Alexander Adorno; Petros Yiannoullou; Iestyn Shapey; Hussein Khambalia; Zia Moinuddin; Angela Summers; Titus Augustine; David van Dellen; Giuseppe Giulfrida
Manchester Royal Infirmary, United Kingdom

08.44 BOS151 COMPARING THE EURO TRANSPLANT KIDNEY ALLOCATION SYSTEM WITH A COLOR PRIORITY KIDNEY ALLOCATION SYSTEM
Bruno Lima; Helena Alves
1Oficina de Bioestatistica, Portugal; 2Instituto Nacional de Saude, Dr Ricardo Jorge, Portugal

08.48 BOS152 METABOLIC DYSREGULATION AND MITOCHONDRIAL DYSFUNCTION DEFINE INJURY PROFILES OF DONOR KIDNEYS AFTER BRAIN DEATH AND ISCHAEMIA-REPERFUSION
M Letizia Lo Faro; Mohammed Z Akhtar; Honglei Huang; Maria Kaiser; Rolando Rebolloso; Karl Morten; Lisa Heather; Henri Leuvenink; Susan Fuggle; Benedikt Kessler; Christopher Pugh; Rutger Ploeg
1Oxford Transplant Centre, University of Oxford, United Kingdom; 2Oxford Transplant Centre, University of Oxford, United Kingdom; 3Surgical Research Laboratory, University of Groningen, Groningen, The Netherlands, The Netherlands; 4Nuffield Department of Obstetrics and Gynaecology, University of Oxford, United Kingdom; 5Department of Physiology, Anatomy and Genetics, University of Oxford, United Kingdom; 6Target Discovery Institute, Nuffield Department of Medicine, University of Oxford, United Kingdom; 7Nuffield department of Medicine, University of Oxford, United Kingdom
### STATE OF THE ART 1
09.10 – 10.40
**Organ preservation and enhancements**

**The creators view**

2017: The limitation of available organs and changing demographics are challenges hindering a more rapid growth in organ transplantation. Clinical efforts and a research focus towards making more organs functioning better and increasing the number of organs available for transplantation are ever more important goals. The race is on: will it be organ reconditioning or creating more organs off the shelf? This session will discuss some of the recent developments that may make organ shortage a thing of the past.

**Created by:** Gabriel Oniscu, Edinburgh, United Kingdom
Jacques Pirenne, Leuven, Belgium

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<tr>
<td>09.10</td>
<td>Organ reconditioning should start in the donor</td>
<td>Gabriel Oniscu, Edinburgh, United Kingdom</td>
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<td>09.30</td>
<td>Ex-situ organ reconditioning living up to the promise?</td>
<td>Peter Friend, Oxford, United Kingdom</td>
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<tr>
<td>09.50</td>
<td>Origami based tissue engineering</td>
<td>Nathaniel Hwang, Seoul, South Korea</td>
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<td>10.10</td>
<td>Choice cuts: growing organs in alternative environments</td>
<td>Pablo Juan Ross, Davis, United States</td>
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**CHAIRS:** Constantino Fondevila, Barcelona, Spain
Ina Jochmans, Leuven, Belgium

### STATE OF THE ART 2
09.10 – 10.40
**Mix and match: the right organ for the right recipient**

**The creators view**

Selecting the right organ for the right patient is an increasing challenge in transplantation. To maintain good outcomes is an increasing challenge in light of both donors and recipients presenting with more unfavorable characteristics. In this session we will focus on global aspects of donation and transplantation and subsequently zoom in on 3 categories of recipients that we commonly encounter in our transplantation clinics. Sergio Leone would name them: The Immunized, The Old and The Diabetic.

**Created by:** Valentin Cuervas-Mons, Madrid, Spain
Eelco de Koning, Leiden, The Netherlands

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<tr>
<td>09.10</td>
<td>World Overview on Transplantation Activities (a report of the Global Observatory on Donation &amp; Transplantation)</td>
<td>Beatriz Mahillo, Madrid, Spain</td>
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<td>09.30</td>
<td>The hyper-immunized patient</td>
<td>Frans Claas, Leiden, The Netherlands</td>
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<td>09.50</td>
<td>The old patient</td>
<td>Uwe Heeman, Munich, Germany</td>
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<td>10.10</td>
<td>The diabetic patient</td>
<td>Raja Kandaswamy, Minneapolis, United States</td>
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**CHAIRS:** Valentin Cuervas-Mons, Madrid, Spain
Eelco de Koning, Leiden, The Netherlands
The biomarker perspective: prime time or perpetual promise?

Personalised treatment seems the new Holy Grail in medicine. But is it achievable and how far have we advanced in transplantation at this point? In this session, we discuss the experience of large consortia in their search for biomarkers for non-invasive diagnosis of rejection, for guidance on immunosuppression and for patient risk stratification. In addition, we will show that the efforts to discover and validate innovative biomarkers are huge and that the pipeline towards clinical implementation is long. Finally, we look into the mirror but also the crystal ball, evaluating the achievements made to date and the promises for the future.

**CHAIRS:** Oriol Bestard, Barcelona, Spain
Maarten Naesens, Leuven, Belgium

**09.10**
BIOMARGIN – systems biology for non-invasive diagnosis of rejection
Wilfried Gwinner, Hannover, Germany

**09.30**
BIO-DRIM – marker-assisted immunosuppression individualization
Petra Reinke, Berlin, Germany

**09.50**
CTOT - biomarkers for transplant risk stratification
Peter Heeger, New York, United States

**10.10**
The biomarker verdict: prime time or perpetual promise?
Dany Anglicheau, Paris, France

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Technology enhanced medicine

We are living in a fast forward moving age, where the convergence of rapidly developing technologies are holding the potential to radically improve and disrupt our day to day life. In this session we invite you to have a glance into the future to see how transplantation will look like years ahead. You will learn a CRISPR way to engineer the human genome, realise that soft robots can support or replace organ function and be impressed by the enormous potential of stem cell biology for generation of human tissues and organs.

**CHAIRS:** Pietro Cippà, Zurich, Switzerland
Olivier Thaunat, Lyon, France

**11.10**
A CRISPR way to engineer the human genome
Angelo Lombardo, Milan, Italy

**11.40**
Cardiovascular devices with a difference – light reflecting balloons and soft robots
Ellen Roche, Cambridge, United States

**12.00**
**KEYNOTE** Genetic, epigenetic and cellular approaches to combat disease and aging
Juan Carlos Izpisua Belmonte, La Jolla, United States
11.10 – 12.40 **Best abstract challenge**

**BAC001**  **Best abstract challenge**  
**Chairperson(s):** Thierry Berney, Geneva, Switzerland; Luciano Potena, Bologna, Italy  

**Room 117**

**BAC001**  
**Outcome after kidney transplantation is independently predicted by donor recipient matching based on indirectly recognizable HLA epitopes**

Oliver Staeck, Matthias Niemann, Eric Spierings, Petra Reinke, Fabian Halleck, Dmytro Khadzhynov, Klemens Budde, Nils Lachmann  

1. Nephrology, University Medicine Charité, Germany; 2. PIRCHE, Germany; 3. UMC Utrecht, Germany; 4. Center for Tumor Medicine, H&I Laboratory, Charité University Medicine Berlin, Germany

**BAC002**  
**A novel computational matching algorithm for improving donor-recipient histocompatibility and graft outcomes after kidney transplantation**

Vasilis Kosmoliaptsis, Dermot H Mallon, J Andrew Bradley, Susan Fuggle, Christopher Watson, Craig J Taylor  

1. Department of Surgery, University of Cambridge, United Kingdom; 2. NHS Blood and Transplant, United Kingdom

**BAC003**  
**MHC-II donor peptides activate human CD8+CD45RClow Tregs secreting IFNγ, IL-10, IL-34 and TGFβ to inhibit human transplant rejection**

Séverine Bézie, Laetitia Boucault, Dimitri Meistermann, Véronique Daquin, Elodie Autrusseau, Frédérique Bellier Waast, Franck Duteille, Ignacio Anegoni, Carole Guillonneau  

1. INSERM UMR1064 - CRTI, France; 2. CHU Nantes, France

**BAC004**  
**Normothermic machine perfusion vs static cold storage in liver transplantation: outcomes from a randomised controlled trial**

David Nasralla, COPE Liver Research Group, Rutger Ploeg, Constantin Coussios, Peter Friend  

1. Oxford Transplant Centre, Nuffield Department of Surgical Sciences, University of Oxford, United Kingdom; 2. Oxford Transplant Centre, Nuffield Department of Surgical Sciences, University of Oxford, United Kingdom; 3. Institute of Biomedical Engineering, University of Oxford, United Kingdom

**BAC005**  
**Validation of the homeostatic model assessment (HOMA) of beta cell function in pancreas transplantation**

James Barnes, Rachel Franklin, Edward Sharples, Peter Friend, Stephen Gough, Jonathan Levy, Shruti Mittal  

1. Oxford Transplant Centre, Nuffield Department of Surgical Sciences, University of Oxford, United Kingdom; 2. Oxford Centre for Diabetes, Endocrinology and Metabolism, United Kingdom; 3. Oxford Transplant Centre, Oxford University Hospitals NHS Foundation Trust, United Kingdom

**BAC006**  
**Bortezomib in late antibody-mediated kidney transplant rejection – a double-blind randomized placebo-controlled trial (BORTEJECT study)**

Farsad Eskandary, Heinz Regele, Gregor Bond, Nicolas Kozakowski, Markus Wахrmann, Luis Hidalgo, Helmut Haslacher, Christopher C. Kaltenecker, Marie-Bernadette Aretin, Rainer Oberbauer, Jeff Reeve, Philip F. Halloran, Georg A. Böhmg  

1. Dept. of Nephrology and Dialysis, Medical University Vienna, Austria; 2. Institute of Clinical Pathology, Medical University Vienna, Austria; 3. Department of Laboratory Medicine and Pathology, University of Alberta, Canada; 4. Department of Laboratory Medicine, Medical University Vienna, Austria; 5. Pharmacy, General Hospital Vienna (AKH Wien), Austria; 6. Alberta Transplant Applied Genomics Centre, ATAGC, University of Alberta, Canada
12.10  **BAC007**
LOW INCIDENCE OF ACUTE REJECTION WITHIN THE SIX MONTHS AFTER TRANSPLANTATION IN HIV RECIPIENTS TREATED WITH RALTEGRAVIR, THE ANRS 153 TREVE TRIAL

Marie Matignon1; Amani Lahiani2; Jean-Daniel Lelievre3; Khadidia Abbassi2; Dominique Desvaux4; Alpha Diallo5; Marie-Noelle Peraldi6; Anne-Marie Taburet7; Juliette Saillard5; Constance Delaugerre6; Dominique Costagliola2; Lambert Assoumou2; Philippe Grimbert1

1APHP, Nephrology and Transplant Unit, Henri Mondor Hospital, France; 2Sorbonne Universités, INSERM, UPMC Univ Paris 06, IPLESP UMRS 1136, France; 3APHP, Clinical Immunology Unit, Henri Mondor Hospital, France; 4APHP, Anatomopathology Unit, Henri Mondor Hospital, France; 5ANRS, REcherche Nord et Sud SIDA-hépatites, France; 6APHP, Nephrology and Transplant Unit, Saint Louis hospital, France; 7APHP, Pharmacology Unit, Hôpitaux universitaires Paris-Sud Bicêtre, France; 8APHP, Virology department, Saint Louis Hospital, France

12.20  **BAC008**
MISSING-SELF TRIGGERS NK MEDIATED MICROVASCULAR INJURIES AND CHRONIC REJECTION OF ALLOGENIC KIDNEY TRANSPLANTS

Alice Koenig1; Chien-Chia Chen2; Antoine Marçais3; Virginie Mathias3; Antoine Sicard4; Maud Rabeyrin1; Maud Racapé6; Jean Paul Duong-Van-Huyen7; Patrick Bruneval7; Sebastien Dussurgey5; Stéphanie Ducreux5; Emmanuel Morelon5; Béatrice Charreau5; Thierry Defrance7; Valérie Dubois5; Thierry Walzer2; Olivier Thaunat1

1INSERM U 1111, Hospital Edouard Herriot, France; 2INSERM U 1111, France; 3EFS Rhône-Alpes, France; 4Hospital Edouard Herriot, France; 5Hospices civils de Lyon, France; 6Paris Cardivascular Research Centre, France; 7APHP, France; 8SFR Biosciences, France; 9INSERM UMR-S 1064, France

12.30  **BAC009**
SPECIFIC GENE EXPRESSION SIGNATURE OF COMPLEMENT-ACTIVATING DONOR SPECIFIC ANTI-HLA ANTIBODY-MEDIATED REJECTION IN KIDNEY ALLOGRAFTS

Carmen Lefaucheur1; Denis Viglietti1; Olivier Aubert1; Adriana Zeevi5; Philip Halloran5; Alexandre Loupy3

1Paris Translational Research Center for Organ Transplantation, France; 2University of Pittsburgh Medical Center, United States; 3Alberta Transplant Applied Genomics Center, Canada

12.40  **BAC010**
MULTIPLE DOSING OF ANTI-C1S ANTIBODY TNT009 - EFFECT ON HLA ANTIBODY-TRIGGERED COMPLEMENT ACTIVATION IN HEALTHY VOLUNTEERS AND KIDNEY TRANSPLANT RECIPIENTS WITH ANTIBODY-MEDIATED REJECTION

Jakob Mühlbacher1; Bernd Jilma2; Markus Wahrmann3; Farsad Eskandary4; James C. Gilbert4; Sandip Panicker4; Georg Böhmig2

1Department of Surgery, Medical University of Vienna, Austria; 2Department of Clinical Pharmacology, Medical University Vienna, Vienna, Austria, Austria; 3Department of Medicine III, Medical University Vienna, Vienna, Austria; 4True North Therapeutics, Inc., South San Francisco, CA, United States
11.10 – 12.40  Full oral sessions

11.10 – 12.40  **OS07**  Another step towards tolerance in transplantation  
Chairperson(s): Alberto Sanchez Fueyo, London, United Kingdom

11.10  **OS049**  
CD4+CD28NULL T CELLS NEED EXOGENOUS CYTOKINES TO BECOME ALLORESPONSIVE AND SHOW AMBIGUOUS SUPPRESSIVE CAPACITY  
Burc Dedeoglu; Nicolle Litjens; Mariska Klepper; Rens Kraaijeveld; Wenda Verschoor; Carla Baan; Michiel Betjes  
Erasmus University Medical Centre, The Netherlands

11.17  **OS050**  
GENERATION OF TIGIT+ ITREGS BY HUMAN REGULATORY MACROPHAGES BEFORE KIDNEY TRANSPLANTATION  
Paloma Riquelme; Hans Schlitt; Edward Geissler; James Hutchinson  
University Hospital Regensburg, Germany

11.24  **OS051**  
LOSS OF BAT3 PROMOTES TRANSPLANT TOLERANCE BY REGULATING CD4+ T CELLS FUNCTION  
Guangxiang Gu; Qiang Xia  
Shanghai Jiaotong University, China

11.31  **OS052**  
GZMB+ B CELLS, A KEY FACTOR OF CELL IMMUNITY IN HUMAN?  
Mélanie Chesneau¹; Sabine Le Bot⁵; Cyrielle Poulaouec¹; Richard Danger⁵; Florian Dubois¹; Maxim Durand⁵; Sophie Brouard⁴  
¹INSERM UMR1064, France; ²CHU Nantes, France; ³INERM UMR1064, France; ⁴INSERM UMR 1064, France

11.38  **OS053**  
PROMOTION OF TOLERANCE-INDUCING CELL SUBSETS FOLLOWING HEART TRANSPLANTATION: THE FINE DIFFERENCE BETWEEN MTOR- AND CNI-INHIBITION  
Maja-Theresa Dieterlen; Kristin Klaeske; Robert Palitzsch; Julia Fischer; Jochen Hahn; Khalil Jawad; Jens Garbade; Friedrich W. Mohr; Sven Lehmann  
Heart Center Leipzig, Germany

11.45  **OS054**  
IMMUNOREGULATORY ROLES OF CD137 SIGNALING IN GRAFT-VERSUS-HOST DISEASE  
Hong Rae Cho¹; Jong Soo Lee¹; Kyung Sun Park¹; Byungskw Kwon²; Juyang Kim²  
¹Ulsan University Hospital, Republic of Korea; ²Ulsan University, Republic of Korea

11.52  **OS055**  
IL-22 ANTIBODY ATTENUATES ACUTE GRAFT-VERSUS-HOST DISEASE VIA INCREASING FOXP3+ T CELLS THROUGH MODULATING THE FUNCTION OF CD11B+ CELLS  
Ling Lu; Jian Gu; Hao Lu; Yunjie Lu; Haoming Zhou; Ming Ni; Han Wang  
The First Affiliated Hospital of Nanjing Medical University, China

11.59  **OS056**  
GENERATION OF POTENT AND STABLE EX VIVO-EXPANDED REGULATORY T CELLS BY MODULATING CD27 SIGNALLING  
Rebeca Arroyo Hornero; Joanna Hester  
University of Oxford, United Kingdom

12.06  **OS057**  
EX VIVO EXPANDED REGULATORY T CELLS COMBINED WITH SHORT-TERM COSTIMULATION BLOCKADE PREVENT REJECTION OF VASCULARIZED COMPOSITE ALLOGRAFTS  
Byoung Chol Oh; Georg Furtmüller; Marcos Iglesias; Damon Cooney; W. P. Andrew Lee; Giorgio Raimondi; Gerald Brandacher  
Johns Hopkins University SOM, United States
OS058  
**DHR9 IS A SPECIFIC AND STABLE MARKER OF HUMAN REGULATORY MACROPHAGES**

Paloma Riquelme¹; Giada Amodio²; Camila Macedo³; Aurelie Moreau⁴; Natasa Obermajer⁵; Norbert Ahrens¹; Fred Fändrich⁶; Hans Schlitt¹; Cristina Cuturi¹; Silvia Gregori²; Angus Thomson¹; Edward Geissler¹; James Hutchinson¹

¹University Hospital Regensburg, Germany; ²IRCCS San Raffaele Scientific Institute, Italy; ³University of Pittsburgh School of Medicine, United States; ⁴Center for Research Transplantation and Immunology Nantes, France; ⁵University of Pittsburgh Hillman Cancer Center, United States; ⁶University Hospital of Schleswig-Holstein, Germany

OS059  
**BTNL8 IS EXPRESSED BY HUMAN MREG-INDUCED FOXP3+ TREGS**

Dominik Chittka; Paloma Riquelme; Hans Schlitt; Edward Geissler; James Hutchinson

University Hospital Regensburg, Germany

OS060  
**IN VIVO TREG EXPANSION UNDER COSTIMULATION BLOCKADE TARGETS EARLY REJECTION AND IMPROVES LONG-TERM OUTCOME**

Christoph Schwarz²; Benedikt Mahr²; Lukas Unger²; Nina Pilat²; Svenja Maschke²; Heinz Regele²; Klaus Aumayr²; Thomas Wekerle²

¹Medical University of Vienna, Austria; ²Medical University Vienna, Austria

11.10 – 12.40

**OS08 Improving lung transplant outcome**

**Room 120 + 121**

**Chairperson(s):** Robin Vos, Leuven, Belgium, Antonio Roman, Barcelona, Spain

OS061  
**SYSTEMIC TREG LEVELS EARLY AFTER LUNG TRANSPLANTATION ARE ASSOCIATED WITH THE RISK FOR ACUTE REJECTION EPISODES**

Nicole Strobl¹; Hauke Winter¹; Gregor Warnecke¹; Elfriede Nößner¹; Ann-Kathrin Knöfel¹; René Schramm¹; Rudolf Hatz¹; Axel Haverich¹; Gerhard Preissler¹

¹Ludwig-Maximilians-Universität München, Germany; ²Medizinische Hochschule Hannover, Germany; ³Helmholtz-Zentrum München, Germany

OS062  
**NUMBER OF CD8+CD27+CD28- EFFECTOR MEMORY T CELLS PRIOR LUNG TRANSPLANTATION AS BIOMARKERS OF SEVERE ACUTE REJECTION**

Esther Asensio; David Iturbe; Juan Irure; David Merino; Víctor Manuel Mora; Sonia Fernández-Rozas; José Cifrián; Javier Gómez-Román; Marcos López-Hoyos; David San Segundo

Marqués de Valdecilla University Hospital-IDIVAL, Spain

OS063  
**CONVERSION TO EXTEND RELEASE TACROLIMUS IN EARLY POST- LUNG TRANSPLANTATION PERIOD**

Alessandro Palleschi; Letizia Corinna Morlacchi; Valeria Rossetti; Paolo Tarsia; Rosaria Carinola; Lorenzo Rosso; Davide Tosi; Paolo Mendogni; Margherita Cattaneo; Mario Nosotti

Fondazione IRCCS Ca’ Granda - Ospedale Maggiore Policlinico di Milano, Italy

OS064  
**PHASE II PROSPECTIVE PILOT STUDY TO COMPARE PHARMACOKINETICS, SAFETY AND TOLERABILITY BETWEEN TWO FORMULATIONS OF ONCE-DAILY EXTENDED- RELEASE TACROLIMUS**

Helena Sintes¹; Cristina Berastegui²; Manuel López-Meseguer¹; Berta Sáez¹; Carlos Bravo¹; Víctor Monforte¹; Jaume Vima²; Susana Gómez¹; Antonio Román¹

¹Respiratory Department, Lung Transplant Unit, CIBERES. Hospital Universitari Vall d’Hebron, Spain; ²Pharmacology Unit. Hospital Universitari Vall d’Hebron. Barcelona, Spain
OS065
CHANGES IN THE EXTRACELLULAR MATRIX - SIGNS OF REMODELING LEADING TO CHRONIC REJECTION AFTER LUNG TRANSPLANTATION
Catharina Müller1; Paula Heinke1; Annika Andersson-Sjöland1; Hans Henrik Schultz2; Claus B Andersen3; Martin Iversen4; Gunilla Westergren-Thorsson5; Leif Eriksson1
1Experimental Medical Science, Lund University, Sweden; 2Section for Lung Transplantation, Copenhagen University Hospital, Denmark; 3Department of Pathology Copenhagen University Hospital, Denmark

OS066
LONGITUDINAL DATA FROM A PROSPECTIVE OBSERVATIONAL STUDY OF HYPOGAMMAGLOBULINEMIA (HGG) AT 18 MONTHS AFTER LUNG TRANSPLANTATION (LT)
Andrej Petrov1; Russell Traister2; Maria Crespo2; Fernanda Silveira1; Joseph Pilewski2
1University of Pittsburgh Medical Center, United States; 2Wake Forest Baptist Health, United States; 3University of Pennsylvania Health System, United States

OS067
CHARACTERISTICS AND OUTCOMES OF STREPTOCOCCUS PNEUMONIAE INVASIVE INFECTION IN LUNG TRANSPLANT RECIPIENTS
Clément Picard; Laurence Azuar-Beaumont; Eric Farfour; Abdul Monem Hamid; Grégoire Trebbia; François Parquin; Edouard Sage; Antoine Roux
Paris Translational Research Center for Organ Transplantation, France

OS068
IMPACT OF RESPIRATORY SYNCYTIAL VIRUS INFECTION ON LONG-TERM OUTCOMES IN LUNG TRANSPLANT RECIPIENTS
Hélène Lafoeste; Clément Picard; Laurence Azuar-Beaumont; Eric Farfour; Sandra De Miranda; Benoit Douvy; Abdul Monem Hamid; Nicolas Carlier; Dominique Grenet; François Parquin; Edouard Sage; Antoine Roux
Paris Translational Research Center for Organ Transplantation, France

OS069
DONOR SPECIFIC HLA ANTIBODY-MEDIATED COMPLEMENT ACTIVATION IS A SIGNIFICANT INDICATOR OF ANTIBODY-MEDIATED REJECTION AND POOR LONG-TERM GRAFT OUTCOME DURING LUNG TRANSPLANTATION
Antoine Roux1; Kimberly Thomas2; Caroline Suberbielle-Boissel3; Edouard Sage4; Laurence Azuar-Beaumont1; François Parquin1; Abdul Monem Hamid1; Elaine Reed4
1Paris Translational Research Center for Organ Transplantation, France; 2Washington University in St. Louis, United States; 3Laboratoire Régional d’Histocompatibilité, Saint-Louis Hospital, France; 4University of California, Los Angeles, United States

OS070
UPPER LIMB REHABILITATION AFTER LUNG TRANSPLANTATION (BSLTX) – A RANDOMISED CONTROLLED TRIAL
Louise Fuller1; Doa El-Ansary2; Brenda Button3; Monique Corbett1; Greg Snell2; Silvana Marasco3; Anne Holland4
1The Alfred Hospital, Australia; 2University of Melbourne, Scholl of Physiotherapy, Australia; 3The Alfred, Melbourne, Australia; 4The Alfred, La Trobe University, Melbourne, Australia

OS071
LOBAR TRANSPLANTATION DOES NOT AFFECT EARLY OUTCOME COMPARED TO FULL LUNG TRANSPLANTATION
Paolo Mendogni; Lorenzo Rosso; Davide Tosi; Alessandro Palleschi; Ilaria Righi; Matteo Montoli; Rosaria Carinòla; Francesco Damarco; Margherita Cattaneo; Paolo Tarsia; Valeria Rossetti; Luigi Santambrogio; Mario Nosotti
Fondazione IRCCS Ca’ Granda Ospedale Maggiore Policlinico di Milano, Italy
12.27

**OS072**

**BLOOD GENE EXPRESSION PREDICTS BRONCHIOLITIS OBLITERANS SYNDROME APPEARANCE AFTER LUNG TRANSPLANTATION**

R. Danger; P-J. Royer; D. Reboulleau; J. Loy; A. Tissot; P. Lacoste; A. Roux; M. Reynaud-Gaubert; R. Kessler; S. Musso; C. Dromer; O. Brugière; J-F. Mornex; R. Guillemain; M. Dahan; K. Knopf; K. Botturi; C. Pison; L. Nicod; S. Brouard; A. Magnan

1 CRTI UMR1064, INSERM, Université de Nantes, ITUN, CHU Nantes, Nantes, France; 2 UMR_S 1087 CNRS UMR 6291, l’Institut du Thorax, Université de Nantes, CHU de Nantes, Nantes, France; 3 Hôpital Foch, Suresnes, Université Versailles Saint-Quentin-en-Yvelines, UPRES EA220, France; 4 CHU de Marseille, Aix Marseille Université, Marseille, France; 5 CHU de Strasbourg, Strasbourg, France; 6 Centre Chirurgical Marie Lannelongue, Le Plessis Robinson, France; 7 Hôpital de Bordeaux, Bordeaux, France; 8 Hôpital Bichat, Service de Pneumologie et Transplantation Pulmonaire, Paris, France; 9 Université de Lyon, INRA, UMR754, Lyon, Hospices Civils de Lyon, Lyon, France; 10 Hôpital Européen George Pompidou, Paris, France; 11 CHU de Toulouse, Toulouse, France; 12 Hôpital Erasme, Bruxelles, Belgium; 13 Clinique Universitaire Pneumopédie, Pôle Thorax et Vaisseaux, CHU de Grenoble, Université de Grenoble, France; 14 Service de Pneumologie, Centre de Transplantation, Lausanne, Switzerland

11.10 – 12.40

**OS09** **Antibodies and epitopes**

**Chairperson(s):** Frans Claas, Leiden, The Netherlands

**Room 122**

11.10

**OS073**

**VALIDATION OF A COMPUTATIONAL SCORING SYSTEM FOR PREDICTING HLA IMMUNOGENICITY BASED ON QUANTIFICATION OF SURFACE ELECTROSTATIC POTENTIAL DIFFERENCES BETWEEN DONOR AND RECIPIENT HLA MOLECULES**

Dermot H Mallon; Christiane Kling; Matthew Robb; David Collett; J Andrew Bradley; Craig J Taylor; Dietrich Kabelitz; Vasilis Kosmoliaptsis

1 Department of Surgery, University of Cambridge, United Kingdom; 2 University of Kiel, Germany; 3 NHS Blood And Transplant, United Kingdom

11.17

**OS074**

**THE IMPORTANCE OF DONOR-SPECIFIC ANTIBODIES MONITORING AND ANTI-MICA ANTIBODIES IN INTESTINAL TRANSPLANTATION**

Paloma Talayero; Elena Gómez Massa; Esther Ramos Boluda; Elena Sánchez Zapardiel; M. José Castro Panete; Gerardo Prieto Bozano; Jorge Calvo Pulido; Estela Paz Artañ; Esther Manecebo Sierra

1 Department of Immunology, University Hospital 12 de Octubre, Spain; 2 Pediatric Gastroenterology Intestinal Rehabilitation Unit, University Pediatric Hospital La Paz, Spain; 3 Department of General and Digestive Surgery and Abdominal Organ Transplantation, University Hospital, Spain

11.24

**OS075**

**PREDICTING KIDNEY ALLOGRAFT OUTCOME BY MEASURING DE NOVO DONOR SPECIFIC ANTIBODIES: BY CYTOTOXIC AND IGG FCXM ON REAL DONOR CELLS; C3D AND IGG-MFI BINDING ON SINGLE ANTIGEN**

Jaume Martorell; Elisabet Rigol-Monzó; Oriol Bestard; Ignacio Revuelta; Frederic Cofan; Montserrat Digon; Carles Serra-Pagés; Guadalupe Erclía; Eduard Palou

1 Immunology Dep. H. Clinic Barcelona; IDIBAPS, Spain; 2 IDIBAPS, Spain; 3 Nephrology Dep. H. Universitari Bellvitge, IDIBELL, Spain; 4 Nephrology Dep. H. Clinic de Barcelona, IDIBAPS, Spain; 5 Nephrology Dep. H. Clinic de Barcelona, Spain; 6 Immunology Dep. H. Clinic de Barcelona, Spain

11.31

**OS076**

**BROAD ANTIGEN MISMATCHES AND EPITOPE MISMATCHES IN THE PRACTICE OF ONE TRANSPLANTOLOGY CENTRE**

Alexey Zulkarnaev; Andrey Vatazin

Moscow Regional Research and Clinical Institute, Russian Federation
OS077  
HLA EPITOPE FREQUENCY ON SINGLE ANTIGEN BEAD TESTING PANELS VARIES SIGNIFICANTLY - HLA EPITOPEs SHOULD BE CONSIDERED WHEN ASSESSING MFI  
Richard Battle¹; Angela Abel²; David Turner³  
¹Snbts, Histocompatibility And Immunogenetics, United Kingdom; ²Snbts, Histocompatibility and Immunogenetics, United Kingdom

OS078  
NOVEL ENDOTHELIAL CELL BASED ASSAY TO STUDY COMPLEMENT DEPENDENT CYTOTOXICITY  
Rosa Lammerts¹; Jaap Van Den Born²; Moh Daha³; Stefan Berger¹  
¹Umcg, The Netherlands; ²Lumc, The Netherlands

OS079  
PERSISTANT DE NOVO DONORSPECIFIC ANTIBODIES ARE ASSOCIATED WITH DECREASED SURVIVAL IN LUNG TRANSPLANT RECIPIENTS  
Teresa Kauke¹; Magdalena Schmitzer³; Nikolaus Kneidinger³; Claus Neurohr³; Rene Schramm⁴; Vera Von Dossow⁵; Hauke Winter⁶  
¹University Hospital Munich Lmu, Laboratory of Immunogeneticc, Germany; ²University Hospital Munich Lmu, Surgery, Germany; ³University Hospital Munich Lmu, Pneumology, Germany; ⁴University Hospital Munich Lmu, Heart Surgery, Germany; ⁵University Hospital Munich LMU, Anaesthesiology, Germany; ⁶University Hospital Munich Lmu, Thoracic Surgery, Germany

OS080  
VALUE OF DONOR-SPECIFIC ANTIBODIES CHARACTERISTICS AT TIME OF KIDNEY ALLOGRAFT BIOPSY  
Maxime Courant¹; Jonathan Visentin¹; Gabriel Linares¹; Valérie Dubois³; Sébastien Lepreux¹; Gwendaline Guidicelli¹; Olivier Thaunat³; Pierre Merville³; Lionel Couzi³; Jean-Luc Taupin⁴  
¹Bordeaux University Hospital, France; ²EFS Lyon, France; ³Lyon University Hospital, France; ⁴AP-HP - Saint-Louis Hospital, France

OS081  
A NEW TOOL FOR QUANTIFICATION OF THE DONOR HLA-SPECIFIC MEMORY B CELL REPERTOIRE IN IMMUNIZED PATIENTS  
Gonca Karahan; Yvonne De Vaal; Juliette Krop; Caroline Wehmeier; Dave Roelen; Frans Claas; Sebastiaan Heidt  
Dept. of Immunohematology and Blood Transfusion, Leiden University Medical Centre, The Netherlands

OS082  
SHARED EPITOPES CONTRIBUTE TO ACCUMULATION OF HIGHLY SENSITIZED PATIENTS IN KIDNEY PAIRED DONATION PROGRAM  
Stanislaw Stepkowski; Beata Mierzejewska; Dulat Bekbolsynov; Robert Brunner; Michael Rees  
University of Toledo, United States

OS083  
EARLY FORMATION OF DE NOVO DONOR SPECIFIC ALLOANTIBODIES FOLLOWING KIDNEY AND COMBINED KIDNEY PANCREAS TRANSPLANTATION  
Veena Surendrakumar; Kelly Jones; Mohammad Hossain; Craig Taylor; Sarah Peacock; Gavin Pettigrew  
Cambridge University Hospitals NHS Foundation Trust, United Kingdom

OS084  
DONOR RECIPIENT MATCHING BASED ON HLA EPITOPES IMPROVES OUTCOME IN KIDNEY TRANSPLANT RECIPIENTS  
Oliver Staeck¹; Matthias Niemann²; Eric Spierings³; Petra Reinkeh¹; Fabian Halleck¹; Dymtro Khadzhynov³; Klemens Budde¹; Nils Lachmann³  
¹Nephrology/ University Medicine Charité, Germany; ²PIRCH, Germany; ³UMC Utrecht, The Netherlands; ⁴Center for Tumor Medicine, Hôpital Charité University Medicine Berlin, Germany
**OS10** Infections other than CMV

**Chairperson(s):** Mark Dahlke, Regensburg, Germany; Rainer Oberbauer, Vienna, Austria

**Room 123**

**11.10 – 12.40**

**OS085**

Boosting the VZV-Specific Memory T and B Cell Response Prevents the High Incidence of Herpes Zoster After Transplantation

Nicole M. Van Besouw; Willem Weimar; Joke M. Zuijderwijk; Jeroen W. Ipelaela;
Marieken J. Boer-Verschragen; Herold J. Metselaar; Rogier A.S. Hoek; Olivier C. Manintveld;
Annemiek A. Van Der Eijk; Georges M.G.M Verjans; Marcia M.L. Kho

Erasmus Medical Center, The Netherlands

**11.17**

**OS086**

Bacterial Translocation in Recipients is Associated with Biliary Complications After Liver Transplantation

Jasmijn Selten; Floris Roos; Cornelia Verhoeven; Herold Metselaar; Wojchiech Polak;
Jan Ijzermans; Luc Van Der Laan

Erasmus Medical Center, The Netherlands

**11.24**

**OS087**

Efficacy of Intravenous Immunoglobulin in the Treatment of BK Virus Associated Nephropathy in Renal Transplant Recipients

Yaser Shah; Abdur Rehman Alkhan; Ihab Ibrahim; Tariq Ali; Hassan Aleid; Mohamed Hussein Alhaj;
Ehab Hammad; Hazem Elgamal; Khalid Almeshari; Ammar Abdulbaki; Syed Raza; Ibrahim Alahmadi

King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia

**11.31**

**OS088**

Pre-Transplant Serum Procalcitonin Level for Prediction of Early Post-Transplant Sepsis in Living Donor Liver Transplantation

Takanobu Hara; Akihiko Soyama; Masaaki Hidaka; Koji Natsuda; Tomohiko Adachi;
Shinichiro Ono; Satomi Okada; Takashi Hamada; Mitsuhisa Takatsuki; Susumu Eguchi

Department of Surgery, Nagasaki University Graduate School of Biomedical Sciences, Japan

**11.45**

**OS090**

Poor Outcome of Polyomavirus-Associated Nephropathy with Glomerular Parietal Epithelial Cells Infected by Polyomavirus

Gang Huang; Wenfang Chen; Lzhong Chen; Xichang Wang

The First Affiliated Hospital of Sunyat Sen University, China

**11.52**

**OS091**

Impact of Urinary Tract Infections in Kidney Transplant Recipients During the First Year on Long-Term Graft Function

Francesco Pesce; Marida Martino; Tiziana Rollo; Marco Fiorentino; Simona Simone; Giovanni Stallone; Giuseppe Grandalano; Antonio Schena; Loreto Gesualdo; Giuseppe Castellano

1University of Bari, Italy; 2University of Foggia, Italy

**11.59**

**OS092**

Accidental Transmission of Hepatitis C (HCV) Virus From an Organ Donor to Five Transplant Recipients: Early Treatment with Direct Acting Antivirals Successfully Prevents Chronic HCV Infection

Fabian Halleck; Clemens Budde; Jörg Hofmann; Ute Eisenberger; Kerstin Herzer;
Martina Sterneck; Jens Gottlieb; Uwe Schulz; Michael Dürr

1Department of Nephrology, Charité University Medicine Berlin, Germany; 2Institute of Medical Virology, Charité Universitätsmedizin And Labor Berlin Charité-Vivantes GmbH, Germany;
3Department of Nephrology, University Hospital Essen, University Duisburg-Essen, Germany;
4Department of Gastroenterology And Hepatology, University Hospital Essen, University Duisburg-Essen, Germany; 5Department of Medicine, University Medical Center Hamburg-Eppendorf, Germany; 6Department of Respiratory Medicine, Hannover Medical School, Hannover, Germany; 7Department of Thoracic and Cardiovascular Surgery, Heart and Diabetes Center Nrw, Bad Oeynhausen, Germany
12.06 **OS093**

**IMPACT OF DIRECT ACTING ANTIVIRAL AGENTS (DAAS) FOR HEPATITIS C VIRUS (HCV)-INDUCED LIVER DISEASES ON REGISTRATION AND OUTCOME ON WAITING LIST (WL) FOR LIVER TRANSPLANT (LT)**

Corinne Antoine; Carine Jasseron; Audrey Coilly; Filomena Conti; Christophe Duvoux; Camille Legear; Sébastien Dharancy

1Agence de la Biomédecine, France; 2Paul Brousse Hospital, France; 3La Pitié Salpêtrière Hospital, France; 4Henri Mondor Hospital, France; 5Huriez Hospital Lille, France

12.13 **OS094**

**REFUSAL TO ACCEPT INCREASED-INFECTION RISK KIDNEY OFFERS ASSOCIATED WITH HIGHER MORTALITY**

Mary Grace Bowring; Allan Massie; Dorry Segev

Johns Hopkins University, United States

12.20 **OS095**

**DONOR CHARACTERISTICS RATHER THAN THE SEVERITY OF POST-TRANSPLANT DIARRHEA DETERMINES LONG-TERM GRAFT OUTCOME**

Arnaud Devresse; Florence Aulagnon; Anne Scemla; Lise Morin; Fanny Lanternier; Adel Aidoud; Xavier Lebretton; Rébecca Sbero-Soussan; Renaud Snanoud; Lucille Amrouche; Claire Tinel; Frank Martinez; Lynda Bererhi; Dany Anglicheau; Olivier Lortholary; Christophe Legendre; Véronique Avettand-Fenoel; Julien Zuber

Necker Hospital, France

12.27 **OS096**

**EFFECTIVENESS OF SUBCUTANEOUS & INTRAVENOUS HEPATITIS B IMMUNOGLOBULIN TO PREVENT REINFECTION AFTER LIVER TRANSPLANTATION: LONG-TERM RESULTS FROM AN INTERNATIONAL MULTICENTER NON-INTERVENTIONAL STUDY**

Susanne Beckebaum; Kerstin Herzer; Artur Bauhofer; William Gelson; Paolo Desimone; Robert Deman; Beat Müllhaupt; Julien Vionnet; Giuseppe Tisone

1University Münster, Germany; 2University Essen, Germany; 3Biotest Ag, Germany; 4Addenbrooke’s Hospital Cambridge, United Kingdom; 5Chirurgia Epatica e del Trapianto Fegato Pisa, Italy; 6Erasmus Medical Center Rotterdam, The Netherlands; 7University Zürich, Swaziland; 8Centre de Transplantation d’Organes, Lausanne, Switzerland; 9Azienda Ospedaliera Policlinico Tor Vergata, Italy

11.10 – 12.40 **OS11**

**Clinical advances in machine liver preservation**

Chair(s): Diethard Monbaliu, Leuven, Belgium; Amelia Hessheimer, Barcelona, Spain

Room 124

11.10 **OS097**

**THE USE OF NORMOTHERMIC MACHINE PERFUSION IN LIVER VIABILITY ASSESSMENT – CAN WE PREDICT POST-TRANSPLANT OUTCOMES?**

Carlo Ceresa; David Nasralla; Alireza Morovat; Hynek Mergental; Wayel Jassem; Andrew Butler; Charles Imber; Simon Knight; Constantin Coussios; Rutger Ploeg; Peter Friend

1Oxford Transplant Centre, Nuffield Department of Surgical Sciences, United Kingdom; 2Oxford University Hospitals NHS Foundation Trust, United Kingdom; 3University Hospitals Birmingham NHS Foundation Trust, United Kingdom; 4King’s College Hospital NHS Foundation Trust, United Kingdom; 5Cambridge University Hospital NHS Foundation Trust, United Kingdom; 6Royal Free London NHS Foundation Trust, United Kingdom; 7The Institute of Biomedical Engineering, University of Oxford, United Kingdom

11.17 **OS098**

**PRELIMINARY RESULTS OF THE UK ‘REVIVE’ TRIAL FOR NORMOTHERMIC OXYGENATED PERFUSION OF DECEASED DONOR LIVERS USING THE PORTABLE ORGAN CARE SYSTEM (OCS™) LIVER**

Dhakshinamoorthy Vijayanand; Firas Zahreldeen; Jennifer Kingston; Shahid Farid; Tracy Mdlongwa; Anthony Ramsden; Sean willis; Catherine Moriarty; Magdy Attia

The Leeds Teaching Hospitals NHS Trust, United Kingdom
**OS099**
**INFLUENCE OF NORMOTHERMIC MACHINE PRESERVATION IN HUMAN LIVER TRANSPLANTATION ON POSTREPERFUSION HEMODYNAMICS**
Ahmed Hassan; Qiang Liu; Daniele Pezzati; Basem Soliman; Jacek Cywinski; Samuel Irefin; Jing You; Cristiano Quintini
1Liver Transplant Unit Cleveland Clinic, United States; 2Cleveland Clinic, United States

**OS100**
**BILE PRODUCTION DURING NORMOTHERMIC MACHINE PERFUSION OF HUMAN LIVERS FOR TRANSPLANTATION**
David Nasralla; COPE Liver Research Group; Rutger Ploeg; Peter Friend
1Oxford Transplant Centre, Nuffield Department of Surgical Sciences, University of Oxford, United Kingdom; 2Oxford Transplant Centre, Nuffield Department of Surgical Sciences, University of Oxford, United Kingdom

**OS101**
**NORMOTHERMIC REGIONAL PERFUSION INCREASES LIVER UTILISATION AND IMPROVES THE OUTCOMES AFTER LIVER TRANSPLANTATION FROM CONTROLLED DCD DONORS**
Fiona Hunt; Wendy Herries; Andrew Sutherland; Ian Currie; Stephen Wigmore; Craig Beattie; Euan Thomson; Gabriel Oniscu
Transplant Unit, Royal Infirmary of Edinburgh, United Kingdom

**OS102**
**FIRST REPORT OF NORMOTHERMIC MACHINE PERFUSION (NMP) FOR HUMAN LIVER TRANSPLANTATION IN THE UNITED STATES**
Qiang Liu; Ahmed Hassan; Daniele Pezzati; Basem Soliman; Giuseppe Iuppa; Ahmed Nassar; Teresa Diago Uso; Koji Hashimoto; Federico Aucejo; Masato Fujiki; Bijan Eghtesad; Jacek Cywinski; Samuel Irefin; John Fung; Kareem Abu-Elmagd; Charles Miller; Cristiano Quintini
Cleveland Clinic, United States

**OS103**
**A PILOT, DOUBLE-ARM, RANDOMIZED, PROSPECTIVE, STUDY ON NORMOTHERMIC EX-VIVO PERFUSION OF ELDERLY LIVER GRAFTS (≥70 YEARS)**
Davide Ghinolfi; Erion Rreka; Paolo De Simone; Andrea Cacciato Insilla; Maria Franzini; Matilde Marsini; Laura Caponi; Simone Romano; Barbara Spinale; Vanna Fierabracci; Lorella Marselli; Alessandro Mazzoni; Giovanni Tincani; Laura Coletti; Giuseppe Arenga; Emanuele Balzano; Daniele Pezzati; Gabriele Catalano; Paola Carrai; Stefania Petruccelli; Piero Marchetti; Daniela Campani; Vincenzo DeTata; Aldo Paolicchi; Franco Filipponi
1Azienda Ospedaliero Universitaria Pisana, Italy; 2AOUP, Italy

**OS104**
**EFFECT OF NORMOTHERMIC MACHINE PERFUSION ON OUTCOMES AFTER STEATOTIC LIVER TRANSPLANTATION: A FIRST ASSESSMENT**
Carlo Ceresa; David Nasralla; Desley Neil; Hynek Mergental; Wayel Jassem; Andrew Butler; Charles Imber; Leanne Hodson; Annemarie Weissenbacher; Constantin Coussios; Rutger Ploeg; Peter Friend
1Oxford Transplant Centre, Nuffield Department of Surgical Sciences, United Kingdom; 2University Hospitals Birmingham NHS Foundation Trust, United Kingdom; 3King’s College Hospital NHS Foundation Trust, United Kingdom; 4Cambridge University Hospitals NHS Foundation Trust, United Kingdom; 5Royal Free London NHS Foundation Trust, United Kingdom; 6Oxford Centre for Diabetes, Endocrinology and Metabolism, University of Oxford, United Kingdom; 7Oxford Institute of Biomedical Engineering, University of Oxford, United Kingdom

**OS105**
**RESULTS OF THE INITIAL PHASE OF THE PORTABLE ORGAN CARE SYSTEM (OCS™) LIVER PROTECT PIVOTAL TRIAL**
James Markmann; Mark Ghobrial; Joseph Magliocca; Anthony Demetris; Marwan Abouljoud
1Massachusetts General Hospital, United States; 2Houston Methodist Hospital, United States; 3Emory Transplant Center, United States; 4University of Pittsburgh Medical Center, United States; 5Henry Ford Hospital, United States
**OS106**

A HISTOLOGICAL AND BIOCHEMICAL ASSESSMENT OF STEATOTIC LIVERS UNDERGOING NORMOTHERMIC MACHINE PERFUSION

Carlo Ceresa; David Nasralia; Desley Neil; Hynek Mergenthal; Wayel Jassem; Andrew Butler; Charles Imber; Amy Barrett; Anne Clark; Constantin Coussios; Rutger Ploeg; Leanne Hodson; Peter Friend

1 Oxford Transplant Centre, Nuffield Department of Surgical Sciences, United Kingdom; 2 Oxford Transplant Centre, Nuffield Department of Surgical Sciences, United Kingdom; 3 University Hospitals Birmingham NHS Foundation Trust, United Kingdom; 4 King’s College Hospital NHS Foundation Trust, United Kingdom; 5 Cambridge University Hospitals NHS Foundation Trust, United Kingdom; 6 Royal Free London NHS Foundation Trust, United Kingdom; 7 Oxford Centre for Diabetes, Endocrinology and Metabolism, University of Oxford, United Kingdom; 8 Institute of Biomedical Engineering, University of Oxford, United Kingdom

**OS107**

NORMOTHERMIC EX SITU PERFUSION PERMITS ASSESSMENT AND TRANSPLANTATION OF DECLINED LIVERS

Vasilis Kosmoliaptsis; Lucy Randle; Keziah Crick; Corrina Fear; Andrew J Butler; Christopher J Watson

University of Cambridge, United Kingdom

**OS108**

5-YEAR EXPERIENCE IN HUMAN EXTENDED DCD LIVER TRANSPLANTATION TREATED BY HYPOTHERMIC OXYGENATED PERFUSION (HOPE) BEFORE IMPLANTATION

Andrea Schlegel; Xavier Muller; Thamara Perera; John Isaac; Pierre-Alain Clavien; Paolo Muiesan; Philipp Dutkowski

1 Queen Elizabeth Hospital Birmingham, United Kingdom; 2 University Hospital Zurich, Switzerland

**OS12**

**Metabolic and cardiovascular complications**

Chair(s): Alan Jardine, Glasgow, United Kingdom

**OS109**

TACROLIMUS (TAC), NOT CYCLOSPORINE (CSA), INTERACTS WITH METABOLIC STRESS, ENHANCING HUMAN □ CELL FAILURE THROUGH BMP SIGNALING

Javier Triñanes; Eelco de Koning; Peter ten Dijke; Esteban Porrini; Françoise Carlotti; Aiko de Vries

1 Transplant Center, Leiden University Medical Center, The Netherlands; 2 Leiden University Medical Center, The Netherlands; 3 CIBICAN, University of La Laguna, Spain; 4 Islet Lab, Leiden University Medical Center, The Netherlands

**OS110**

OXALATE DEPOSITION IN THE RENAL ALLOGRAFT WITHIN 3 MONTHS AFTER TRANSPLANTATION

Joke Roodnat; Malou Snijders; Dennis Hesselink; Marian Claahsen-van Groningen

Erasmus Medical Center, The Netherlands

**OS111**

CARDIOVASCULAR AUTONOMIC FUNCTION AFTER SIMULTANEOUS PANCREAS-KIDNEY AND KIDNEY-ALONE TRANSPLANTATION

Hanna Paajanen; Marco Bordino; Anna Sandelin; Agneta Ekstrand; Marko Lempinen; Carol Forsblom; Luciano Bernardi; Per-Henrik Groop

1 Abdominal Center Nephrology, University of Helsinki and Helsinki University Hospital, Finland; 2 Abdominal Center Transplantation and Liver Surgery, Helsinki University Hospital, Finland

**OS112**

ALTERED BODY COMPOSITION IN PATIENTS AFTER KIDNEY TRANSPLANTATION

Spela Borstnar; Jelka Lindič; Damjan Kovač

University Medical Centre Ljubljana, Slovenia
11.38  **OS113**

**PLASMA N-6 AND TRANS FATTY ACID LEVELS AND CARDIOVASCULAR RISK MARKERS EARLY AFTER RENAL TRANSPLANTATION**

Anupam Chandra¹; Ivar A. Eide¹; Ander Asberg¹; Anders Hartmann¹; Joe Chan⁵; Kristian S. Bjerve⁶; Jeppe H. Christensen⁷; Erik B. Schmidt⁸; Trond Jenssen⁴; My Svensson⁹

¹Department of Renal Medicine, Akershus University Hospital, Lørenskog, Norway; ²Department of Transplant Medicine, Section of Nephrology, Oslo University Hospital, Rikshospitalet, Norway; ³Department of Pharmaceutical Biosciences, University of Oslo, Oslo, Norway; ⁴Department of Transplant Medicine, Section of Nephrology, Oslo University Hospital, Rikshospitalet, Norway; ⁵Department of Renal Medicine, Akershus University Hospital, Lørenskog, Norway; ⁶Department of Laboratory Medicine, Children’s and Women’s Health, Norwegian University of Science and Technology, Norway; ⁷Department of Nephrology, Aalborg University Hospital, Aalborg, Denmark; ⁸Department of Cardiology, Aalborg University Hospital, Aalborg, Denmark

11.45  **OS114**

**ILIAC PERIPHERAL ARTERIAL DISEASE BEFORE KIDNEY TRANSPLANTATION**

Mark van der Zijden; Mirjam Laging; Judith Kal-van Gestel; Mijke Poldervaart; Diederik Kimenai; Sander ten Raa; Joke Roodnat

Erasmus Medical Center, The Netherlands

11.52  **OS115**

**USEFULNESS OF PRETRANSPLANT AORTIC ARCH CALCIFICATION EVALUATION FOR OUTCOME PREDICTION AFTER DECEASED KIDNEY TRANSPLANT**

Agne Laucyte-Cibulskiene¹; Gediminas Aucina²; Evelina Boreikate³; Modesta Petraviciute³; Migle Gudynaite¹; Liutauras Gumbys⁴; Nerijus Teresius⁴; Dileta Valanciene⁴; Laurynas Rimsevicius¹; Marius Miglinas¹; Kestutis Strupas⁵

¹Centre of Nephrology, Vilnius University, Lithuania; ²Vilnius University, Faculty of Medicine, Lithuania; ³Centre of Endocrinology, Vilnius University, Lithuania; ⁴Centre of Radiology and Nuclear Medicine, Vilnius University, Lithuania; ⁵Centre of Abdominal Surgery, Lithuania

11.59  **OS116**

**IMPACT OF POST-REPERFUSION HYPERGLYCEMIA ON TRANSIENT POST-TRANSPLANTATION HYPERGLYCEMIA AND POST-TRANSPLANTATION DIABETES MELLITUS AFTER LIVER TRANSPLANTATION**

Roberta Angelico¹; Marit Kalisvaart¹; Francesca Marcon¹; Hynek Mergental¹; John Isaac¹; Paolo Muiesan¹; Dašius Mirza³; Hermien Hartog³; Thamara Perera³

¹University Hospitals Birmingham, United Kingdom; ²Erasmus MC University Medical Centre Rotterdam, The Netherlands

12.06  **OS117**

**METABOLIC ACIDOSIS AND OUTCOME IN PATIENTS LONG TERM AFTER KIDNEY TRANSPLANTATION**

Marcin Adamczak; Damian Gojowy; Katarzyna Skiba; Magdalena Bartmanska; Aureliusz Kolonko; Andrzej Wieczek

Department of Nephrology, Transplantation and Internal Medicine, Poland

12.13  **OS118**

**A SHIFT IN CARDIAC SYMPATHOVAGAL BALANCE TOWARD SYMPATHETIC PREDOMINANCE IS ASSOCIATED WITH A REDUCTION IN THE HEPATIC ARTERIAL BLOOD FLOW OF A PARTIAL LIVER GRAFT DURING THE NEOHEPATIC PHASE**

Jong Hae Kim; Sung Hye Byun; Dong Lak Choi; Jin Yong Jung; Taeha Ryu; Joo Dong Kim; Sang Gyu Kwak; Eugene Kim; Jonghooon Lee; Byung Tae Kil; Shin Yeung Sung

School of Medicine Catholic University of Daegu Daegu Republic of Korea

12.20  **OS119**

**ARE WE OVER-INVESTIGATING LOW RISK KIDNEY TRANSPLANT CANDIDATES PRIOR TO LISTING?**

Diana Wu; Gabriel Oniscu

Transplant Unit, Royal Infirmary of Edinburgh, United Kingdom
OS120
SHORT TERM SAFETY OF EMPAGLIFLOZIN IN LONG TERM STABLE RENAL TRANSPLANT RECIPIENTS WITH POST TRANSPLANTATION DIABETES MELLITUS
Thea A. S. Halden; Karsten Midtvedt; Kine E. Kvitne; Anders Åsberg; Anders Hartmann; Trond Jenssen
Oslo University Hospital Rikshospitalet Department of Transplantation Medicine, Norway
13.00 – 14.00  **Future leaders on stage: life-changing stories**  
Are you passionate about your research or clinical area? Show us on a stunning stage!

The Young Professionals in Transplantation have launched a competition to future leaders in transplantation to give a seminal presentation at the ESOT congress. Young Professionals have been selected through a call for action on social media. Have a look at the exciting and inspirational presenters that have been selected under 40 years old.

**CREATED BY:**  Francesca Tinti, Rome, Italy  
Mohammed Zeeshan Akhtar, Oxford, United Kingdom

**CHAIRS:**  Francesca Tinti, Rome, Italy  
Mohammed Zeeshan Akhtar, Oxford, United Kingdom

13.00  **A very personal story of success and failure: my journey to social media**  
Omar Taco, Barcelona, Spain

13.20  **Life-changing event: ‘To improve is to change, to be perfect is to change often.’**  
(Winston Churchill)  
Natalie Vallant, Innsbruck, Austria

13.40  **Life-changing event: a love worth giving**  
Luke Yates, London, United Kingdom

13.00 – 14.00  **Elevator Pitch session 2**

13.00 – 14.00  **EPS02  Immunology and histocompatibility**

**CHAIR(S):**  Gabriel Oniscu, Edinburgh, United Kingdom; Umberto Cillo, Padova, Italy

13.00  **EP013**  
**BLOCKED OF BAT3 PROMOTES TRANSPLANT TOLERANCE BY INDUCING IL-10 EXPRESSION IN DENDRITIC CELLS**  
Guangxiang Gu; Qiang Xia  
Shanghai Jiaotong University, China

13.01  **EP014**  
**VIRTUAL CROSSMATCHES IMPACT ON KIDNEY DISCARD RATE**  
Prakash Rao¹; Dayanand Deo¹; Misty Marchioni²; Patricia Bowe¹; David O’Hara¹; Leroy Thacker²  
¹NJ Sharing Network, United States; ²Virginia Commonwealth University, United States

13.02  **EP015**  
**TUNING THE MIGRATION CAPACITY OF REGULATORY T CELLS**  
Romy Hoeppli; Katherine Macdonald; Andrew Campbell; Megan Levings  
University of British Columbia, Canada

13.03  **EP016**  
**ECTOPIC LYMPHOID STRUCTURES ARE PRESENT PREDOMINANTLY IN GRADE I T-CELL-MEDIATED RENAL TRANSPLANT REJECTION**  
Kitty De Leur; Marian C. Claasen-Van Groningen; Thierry P.P. Van Den Bosch; Gretchen N. De Graaf; Dennis A. Hesselink; Janneke Samsom; Carla C. Baan; Karin Boer  
Erasmus Medical Center, The Netherlands

13.04  **EP017**  
**INFLAMMATORY CONDITIONS DICTATE THE IMMUNOMODULATORY EFFECT OF MSC ON B CELL FUNCTION**  
Marcella Franquesa¹; Franka Luk²; Laura Carreras-Planella¹; Sander Korevaar²; Francesc Borras¹; Michiel Betjes²; Carla Baan²; Martin Hoogduijn²  
¹IGTP, Spain; ²Erasmus Mc, The Netherlands
13.05 **EP018**

**CLINICAL RELEVANCE OF DE NOVO DONOR-SPECIFIC HLA ANTIBODIES (DSA) IN RENAL TRANSPLANTATION**

Florian Sommer; Teresa Kauke; Matthias Anthuber

1Department of Visceral and Transplant Surgery, Transplant Center Augsburg, Klinikum Augsburg, Germany, Germany; 2Department of Immunogenetics, University of Munich, Germany, Germany

13.06 **EP019**

**STIMULATION OF ANTIGEN-SPECIFIC REGULATORY T CELLS USING ARTIFICIAL ANTIGEN PRESENTING CELLS**

Pierre Tremolieres; Anthony Garnier; Amélie Deniel; Kathy Koy; Alexandre Couture; Jean-Baptiste Latouche; Brigitte Le Mauff; Olivier Toutirais

1CHU Caen, France; 2CHU Rouen, France

13.07 **EP020**

**VASCULAR SEQUESTRATION OF DONOR-SPECIFIC ANTIBODIES AND ENDOTHELIAL CHIMERISM PROTECT PANCREATIC ISLET GRAFTS FROM HUMORAL REJECTION**

Chien-Chia Chen; Eric Pouliquen; Alexis Broisat; Francesco Andreata; Maud Racapé; Patrick Bruneval; Laurence Kessler; Mitra Ahmadi; Sandrine Baco; Carole Saison-Delaplace; Marina Marcaud; Jean-Paul Duong Van Huyen; Alexandre Loupy; Jean Villard; Sandrine Demuylder-Mischler; Thierry Berney; Emmanuel Morelon; Meng-Kun Tsai; Marie-Nathalie Kolopp-Sarda; Alice Koenig; Virginie Mathias; Stéphanie Ducrœux; Catherine Ghezzi; Valerie Dubois; Antonino Nicoletti; Thierry Defrance; Olivier Thaunat

1Inserm U1111, France; 2Edouard Herriot University Hospital, France; 3Inserm U1039, France; 4Inserm U1148, France; 5Paris Translational Research Centre For Organ Transplantation, France; 6University Hospital, Strasbourg, France; 7Necker Hospital, Assistance Publique-Hôpitaux De Paris, France; 8Geneva University Hospital, Switzerland; 9National Taiwan University Hospital, Taiwan; 10Lyon-Sud University Hospital, France; 11French National Blood Service, France

13.08 **EP021**

**DIAGNOSTIC VALUE OF SPOT URINE PROTEIN EXCRETION TO UNCOVER SILENT DE-NOVO DONOR SPECIFIC ANTIBODIES AND ANTIBODY-MEDIATED REJECTION 1 YEAR AFTER KIDNEY TRANSPLANTATION**

Miha Arnol; Gregor Mlinsek; Manca Oblak; Karmen Romozi; Bostjan Bizjak; Aljosa Kandus; Nika Kojc; Blanka Vidan-Jeras; Jadranka Buturovic-Ponikvar

1University Medical Centre Ljubljana, Department of Nephrology, Slovenia; 2Institute of Pathology, Medical Faculty, University of Ljubljana, Slovenia; 3Tissue Typing Centre, Blood Transfusion Centre of Slovenia, Ljubljana, Slovenia

13.09 **EP022**

**ASSESSMENT OF THE IMMUNOGENICITY OF CULTURED EXTRAHEPATIC CHOLANGIOTYES IN VITRO AND IN VIVO**

Olivia Tysoe; Negar Pirmadjid; Fotios Sampaziotis; Nikitas Georgakopoulos; Nikola Dolezalova; Kourosh Saeb Parsy; Ludovic Vallier

Department of Surgery, University of Cambridge, Cambridge, UK, United Kingdom

13.10 **EP023**

**TCR NGS BASED EVIDENCE FOR DIFFERENTIAL DIAGNOSIS AND PERSONALIZED THERAPY IN BKV NEPHROPATHY**

Ulrik Stervbo; Thomas Klein; Mikalai Nienen; Richard Viebahn; Timm Westhoff; Nina Babel

1Center for Translational Medicine, Medical Clinic I, Marien Hospital Herne, University Hospital of the Ruhr-University Bo, Germany; 2Department of Surgery, Knappschaftskrankenhaus Bochum, University Hospital of the Ruhr-University Bo, Germany

13.11 **EP024**

**MICROVASCULAR INFLAMMATION AT 4 MONTHS POSTTRANSPLANT IS ASSOCIATED WITH TRANSPLANT GLOMERULONEPHRITIS AT ONE AND TWO YEARS INDEPENDENT OF REJECTION AND DONOR SPECIFIC ANTIBODIES**

Hasan Khamash; Kunam Reddy; Matthew Buras; Logan Archambault; Marcelo Pando; Raymond Heilman

Mayo Clinic Arizona, United States
13.00 – 14.00  Brief oral sessions

13.00 – 14.00  BOS12  Strategies to improve liver preservation  
Chair(s): Javier Briceño, Cordoba, Spain; Paolo Muièsan, Birmingham, United Kingdom  

13.00  BOS154  
GLYCOGEN SYNTHASE KINASE 3 BETA (GSK3β) AND VOLTAGE-DEPENDENT ANION-SELECTIVE CHANNEL 1 (VDAC1) INHIBITION IN ORTHOTOPIC LIVER TRANSPLANTATION USING IGL-1 PRESERVATION SOLUTION  
Arnau Panisello Rosello; Mohammed Amine Zaouali; Alexandre Lopez; Carlos Castro Benitez; Emma Folch-Puy; Agustin Garcia Gil; Georgina Hotter; Rene Adam; Joan Rosello Catafau  
1Instituto de Investigaciones Biomedicas de Barcelona, CSIC. Barcelona, Catalonia, Spain; 2Institut of Biotechnology of Monastir, University of Monastir, Monastir, Tunisia; 3Centre Hépato-biliaire, AP-PH, Hôpital Paul Brousse, Villejuif, Paris 94804, France; 4Hospital Clínico Zaragoza 5009, Zaragoza, Spain

13.04  BOS155  
HIGHLIGHTS OF PROTECTION MECHANISMS INVOLVED IN LIVER GRAFT COLD ISCHEMIA PRESERVATION: A COMPARISON BETWEEN IGL-1 AND HTK SOLUTIONS  
Arnau Panisello Rosello; Alex Lopez; Carlos Castro Benitez; Emma Folch-Puy; Georgina Hotter; Rene Adam; Joan Rosello Catafau  
1Instituto de Investigaciones Biomedicas de Barcelona, CSIC. Barcelona, Catalonia, Spain; 2Centre Hépato-biliaire, AP-PH, Hôpital Paul Brousse, Villejuif, Paris 94804, France

13.08  BOS156  
A NEW PREDICTING TOOL FOR EXPERIMENTAL LIVER TRANSPLANTATION - LIVE TISSUE STAINING  
Rupert Oberhuber; Margot Foder; Benno Cardini; Manuel Maglione; Stefan Schneeberger; Jakob Troppmaier; Martin Hermann  
Medical University Innsbruck, Austria

13.12  BOS157  
IMPACT OF DECEASED BRAIN DONORS CHARACTERISTICS ON LIVER PERFUSATE LYMPHOCYTE SUBSETS: SINGLE CENTER ANALYSIS  
Duilio Pagano; Ester Badami; Pier Giulio Conaldi; Fabrizio di Francesco; Alessandro Tropea; Anna Casu; Ioannis Petridis; Giovanni Battista Vizzini; Angelo Luca; Salvatore Gruttadauria  
IRCCS/ISMETT, Italy

13.16  BOS158  
DEVELOPING A NON-INVASIVE SPECTROSCOPIC TECHNIQUE FOR ASSESSING THE BIOMOLECULAR EFFECTS OF NORMOTHERMIC REGIONAL PERFUSION  
Katherine Ember; Fiona Hunt; Hannah Johnston; John Hallett; Stephen Wigmore; Karen Faulds; Colin Campbell; Stuart Forbes; Gabriel Oniscu  
1The University of Edinburgh, United Kingdom; 2Transplant Unit, Royal Infirmary, Little France, University of Edinburgh, United Kingdom; 3Department of Chemistry, University of Edinburgh, United Kingdom; 4Scottish Centre for Regenerative Medicine, Little France, University of Edinburgh, United Kingdom; 5Technology and Innovation Centre, University of Strathclyde, Glasgow, G1 1RD, United Kingdom; 6Department of Chemistry, The University of Edinburgh, United Kingdom

13.20  BOS159  
HYPEROXIC NORMOTHERMIC PERFUSION IS ASSOCIATED WITH HIGH LEVELS OF SYNDECAN-1 AND PROTEIN CARBONYL SUGGESTING PRODUCTION OF REACTIVE OXYGEN SPECIES  
Anastasia Tsyben; Mazin Hamed; Christopher Watson  
1University of Cambridge, United Kingdom; 2University of Cambridge, Department of Surgery, United Kingdom
**BOS160**

**AN OXYGENATED AND TRANSPORTABLE MACHINE PERFUSION SYSTEM FULLY RESCUES LIVER GRAFTS EXPOSED TO LETHAL ISCHEMIC DAMAGE IN A PIG MODEL OF DCD LIVER TRANSPLANTATION**

Philippe Compagnon1; Eric Levesque2; Hassen Hentati1; Mara Disabato1; Julien Calderaro1; Cyrille Fery4; Anne Corlu1; José Laurent Cohen1; Ismail Ben Mosbah1; Daniel Azoulay1

1Service de Chirurgie Hépatobiliaire et Transplantation Hépatique, Hôpital Henri Mondor, APHP, Unive, France; 2Service de Réanimation Digestive, Hôpital Henri Mondor, APHP, Université Paris-Est, Créteil, France; 3Service d'Anatomopathologie, Hôpital Henri Mondor, APHP, Université Paris-Est, Créteil, France; 4Service d'Hépatologie, Hôpital Henri Mondor, APHP, Université Paris-Est, Créteil, France; 5Inserm, UMR991, Foie, Métabolismes et Cancer, Hôpital Pontchaillou, Université de Rennes 1, Rennes, France; 6Institut Mondor Recherche Biomédicale (IMRB), INSERM U955, Université Paris-Est, Créteil, France; 7Biopredic International, Rennes, France

**BOS161**

**SPLIT LIVER EX-SITU OXYGENATED MACHINE PERFUSION: A NOVEL APPROACH TO ORGAN PRESERVATION AND TREATMENT**

Negin Karimian1; Viola Huang2; Sharon Geerts2; Safak Mert2; Irene Beijert3; Fermin Fontan1; Mohamed M. Aburawi1; Robert J. Porte4; Korkut Uygun2; James F. Markmann1; Heidi Yeh1

1Division of Transplantation, Department of Surgery, Massachusetts General Hospital, Harvard Medical, United States; 2Center for Engineering in Medicine, Department of Surgery, Massachusetts General Hospital, Harvard M, United States; 3Division of Hepatobiliary Surgery and Liver Transplantation, Department of Surgery, University Medica, The Netherlands; 4Division of Hepatobiliary Surgery and Liver Transplantation, Department of Surgery, University Medic, The Netherlands

**BOS162**

**HMGB1 IS MOST EFFECTIVE THAN ACETYLCOLINE TO PROTECT STEATOTIC LIVER TRANSPLANTATION FROM CADAVERIC DONORS**

Monica Bibiana Jimenez-Castro1; Elsa Negrete-Sánchez2; Cindy G. Avalos de León2; Arani Casillas-Ramirez3; Jose Gulfo4; Ana Isabel Alvarez-Mercado5; Maria Eugenia Cornde-Petronio6; Esther Bujaldon7; Jordi Gracia-Sancho8; Carmen Peralta2

1Transplant Biomedicals S.L, Spain; 2Institut d’Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS), Spain; 3Hospital Regional de Alta Especialidad de Ciudad Victoria, Ciudad Victoria, México, Mexico; 4Centro de Investigación Biomédica en Red de Enfermedades Hepáticas y Digestivas, Barcelona, Spain; 5Barcelona Hepatic Hemodynamic Laboratory, IDIBAPS, CIBEREHD, Barcelona, Spain

**BOS163**

**IMPACT OF PRESERVATION SOLUTION ON EARLY ALLOGRAFT DYSFUNCTION (EAD) AND GRAFT SURVIVAL AFTER LIVER TRANSPLANTATION USING EXPANDED-CRITERIA-DONORS (ECD)**

René Adam; Vincent Karam; Mylène Sebagh; Eric Vibert; Antonio Sa Cunha; Faouzi Saliba; Daniel Cherqui; Didier Samuel; Denis Castaing

APHP Hopital Paul Brousse, France

**BOS164**

**POSTREPERFUSION SYNDROME IN LIVER TRANSPLANTATION: WHAT IS THE IMPACT ON SHORT-TERM SURVIVAL?**

Sophie Chopinet1; Emilie Bollon1; Charlotte Kelway2; Laurent Reydellet2; Valéry Blasco2; Patrick Borentain1; Yves-Patrice Le Treut1; Emilie Grégoire1; Jean Hardwigen1

1Service de Chirurgie Générale et Transplantation Hépatique Hopital La Timone Marseille, France; 2Réanimation Polyvalente et des Pathologies du Foie, La Timone, Marseille, France; 3Service de Gastroentérologie et Hépatologie, La Timone, Marseille, France
13.44 **BOS165**
CONTROLLED OXYGENATEDREWARMING UP TO NORMOTHERMIA FOR PRE-TRANSPLANT RECONDITIONING OF LIVER GRAFTS
Charlotte von Horn¹; Hideo Baba²; Henri Leuvenink³; Thierry Hauet⁴; Patrick Hannaert⁴; Andreas Paul⁵; Thomas Minor⁶
¹Uniklinikum Essen Germany, Germany; ²Institute of Pathology University Hospital Essen, Germany; ³University Medical Center Groningen, Surgical Research Lab Groningen, The Netherlands; ⁴3RTOMIT, INSERM UMR 1082, Université de Médecine et de Pharmacie de Poitiers, Rue de la Milétrie, 86, France; ⁵Dpt. for Surgical Research/General Surgery, University Hospital Essen, Germany

13.48 **BOS166**
HOPE FOR FATTY LIVER GRAFTS
Andrea Schlegel¹; Philipp Kron²; Leandro Mancina²; Pierre-Alain Clavien²; Philipp Dutkowski³
¹Queen Elizabeth Hospital Birmingham, United Kingdom; ²University Hospital Zurich, Switzerland; ³University Hospital Zurich, Switzerland

13.52 **BOS167**
NORMOTHERMIC MACHINE PERFUSION: A COST-EFFECTIVENESS ANALYSIS ON A SINGLE CENTER SERIES OF 9 CASES
Daniele Pezzati¹; Ahmed Hassan¹; Qiang Liu; Laia Coromina Hernandez; Giuseppe Iuppa; Teresa Diago Uso; Cristiano Quintini
Cleveland Clinic, United States

13.56 **BOS164.1**
THE EDINBURGH LIVER FUNCTION (ELF) SCORE RAPIDLY DEMONSTRATES SIGNIFICANT GRAFT ENHANCEMENT IN STUDIES OF LIVER OPTIMISATION
Ian Currie¹; Yevedzo Ntuli¹; Fiona Hunt²; Alistair Lee²; Gabriel Oniscu²; Amanda Lee²
¹Transplant Unit, Royal Infirmary of Edinburgh, United Kingdom; ²Transplant Unit, Royal Infirmary of Edinburgh, United Kingdom; ³Univerisity of Aberdeen, United Kingdom

13.00 – 14.00 **BOS13**
Kidney, general. Donor and recipient risk factors
CHAIR(S): Ondrej Viklicky, Prague, Czech Republic

13.00 **BOS168**
THE EFFECT OF MORBID OBESITY ON OUTCOME AFTER KIDNEY TRANSPLANTATION
Eytan Mor¹; Ruth Rahamimov²; Eviatar Nesper²; Sigal Eizner²; Vladimir Tennak²; Michael Gurevich²
¹Rabin Medical Center Beilinson Hospital, Israel; ²Rabin Medical Center, Israel

13.04 **BOS169**
SURVIVAL IN OLDER KIDNEY RECIPIENTS ADMITTED TO INTENSIVE CARE EARLY AFTER TRANSPLANTATION
John Hausken¹; Kjersti Lønning¹; Linda Flaa Johansen¹; Kristian Heldal²; Pål-Dag Line³; Karsten Midtvedt⁴
¹Department of Transplantation Medicine Oslo University Hospital, Norway; ²Clinic of Internal Medicine, Telemark Hospital Trust, Skien, Norway

13.08 **BOS170**
OLDER RECIPIENTS HAVE IMPROVED HEALTH RELATED QUALITY OF LIFE ONE YEAR AFTER KIDNEY TRANSPLANTATION
Kjersti Lønning¹; Karsten Midtvedt¹; Tomm Bernklev²; Marit Helen Andersen¹; Nanna von der Lippe²; Anna Varberg Reisæter³; Pål-Dag Line³; Anders Hartmann¹; Kristian Heldal⁴
¹Department of Transplantation Medicine, Oslo University Hospital, Rikshospitalet, Norway; ²Department of Research and Development, Vestfold Hospital Trust, Tønsberg, Norway; ³Faculty of Medicine, Institute of Clinical Medicine, University of Oslo, Norway; ⁴Clinical of Internal Medicine. Telemark Hospital Trust, Skien, Norway
13.12 **BOS171**
EFFECT OF VASOACTIVE THERAPY USED FOR BRAIN DEAD DONORS ON GRAFT SURVIVAL AFTER KIDNEY TRANSPLANTATION  
Deniz Birtan¹; Mustafa Kemal Arslantas²; Gulbin Tore Altun³; Pelin Corman Dincer⁴; Sevgi Gecegormez⁵; Ali Demirel⁶; Hilmi Omer Ayanoglu⁷  
¹Marmara University Pendik Training and Research Hospital, Turkey; ²Marmara University, School of Medicine, Turkey; ³Ministry of Health, Tissue and Organ Transplantation- Istanbul Regional Transplant Coordination Cent, Turkey

13.16 **BOS172**
FACTORS AFFECTING MEDICATION NON-ADHERENCE AMONG KIDNEY TRANSPLANT RECIPIENTS  
Galina Severova¹; Ilina Danilovska⁴; Lada Trajceska⁴; Aleksandar Sikole⁴; Daniela Mladenovska⁴; Elka Masin-Spasovska⁵; Ninoslav Ivanovski²  
¹University Clinic of Nephrology, Medical Faculty Skopje, Macedonia, The Former Yugoslav Republic of; ²University Clinic of Nephrology, Macedonia, The Former Yugoslav Republic of

13.20 **BOS173**
IS THE CLINICAL OUTCOME GOOD OR BAD IN PATIENTS HOSPITALIZED WITHIN 1 YEAR AFTER KIDNEY TRANSPLANTATION?  
Woo Yeong Park; Sang Mok Yeo; Hayeon Park; Seong Sik Kang; Kyubok Jin; Sung Bae Park; Seungyeup Han  
Department of Internal Medicine, Keimyung University School of Medicine, Keimyung University Kidney, Republic of Korea

13.24 **BOS174**
CLINICAL CORRELATION OF WARM ISCHAEMIA TIME WITH DELAYED GRAFT FUNCTION IN CADAVERIC KIDNEY TRANSPLANT  
Aeliya Zaidi¹; Christopher Chalklin¹; Roomi Aziz²; Elijah Ablorsu¹  
¹University Hospital of Wales, United Kingdom; ²Nur Center for Research and Policy, Pakistan

13.28 **BOS175**
THE EFFECT OF RECIPIENT BMI ON RENAL TRANSPLANT OUTCOMES  
Emmanouil Giorgakis ; Kunam Reddy; Andrew Singer; Hasan Khamash; Raymond Heilman Mayo Clinic, United States

13.32 **BOS176**
PREDICTING CLINICAL OUTCOME IN THE ELDERLY KIDNEY TRANSPLANT RECIPIENTS  
Patricia Almeida; Josefin Santos Lascasas; Sofia Pedroso; Manuela Almeida; Salete Martins; Leonido Dias; Antonio Henriques  
Nephrology and Transplant Department CHP, Portugal

13.36 **BOS177**
AN EVALUATION OF SARCOPENIA IN KIDNEY TRANSPLANT PATIENTS  
Kohei Unagami¹; Hiroki Ishihara²; Masayoshi Okumi²; Hideki Ishida³; Kazunari Tanabe²; Kosaku Nitta³  
¹Nephrology, Tokuo Women’s Medical University, Japan; ²Urology, Tokuo Women’s Medical University, Japan; ³Nephrology, Tokuo Women’s Medical University, Japan

13.40 **BOS178**
KIDNEY TRANSPLANTATION IN PATIENT WITH JUENE SYNDROME  
Marina Ratkovic¹; Danilo Radunovic¹; Vladimir Prelevic¹; Nikolina Basic Jukic²; Branka Gledovic¹; Srdja Ilic³; Danica Raicevic³  
¹Clinical Center of Montenegro, Montenegro; ²Clinical Hospital Center Zagreb, Department for Arterial Hypertension, Nephrology, Dialysis and Tran, Croatia

13.44 **BOS179**
DO EXTENDED CRITERIA DONOR AND DONOR VASCULAR DISEASE INCREASE THE RISK OF RENAL ARTERY STENOSIS?  
Rebecca Varley¹; Stavros Papachristos²; Charles Reynard³; Edward Lake⁴; Nicholas Chalmers⁴; Titus Augustine⁵; David Van Dellen⁶; Charles Reynard⁷  
¹Manchester Royal Infirmary, Department of Renal and Pancreas Transplantation, United Kingdom; ²Manchester Royal Infirmary, Department of Radiology, UK; ³United Kingdom
**BOS180**
EFFECT OF RENAL CORTEX VOLUME ON POSTOPERATIVE GRAFT FUNCTION. DOES IT REALLY MATTERS?
Tzevat Tefik; Erol Demir; Muhammet Cagri Yalcin; Ibrahim Ogulcan Canitez; Aysenur Bulut; Yasar Caliskan; Hayriye Senturk Ciftci; Cigdem Kekik; Fatma Savran Oghuz; Aydin Turkmen; Taner Kocak; Haluk Ander; Tayfun Oktar; Orhan Ziyalan; Ismet Nane

1Istanbul University Istanbul Faculty of Medicine Department of Urology, Turkey; 2Istanbul University Istanbul Faculty of Medicine Department of Nephrology, Turkey; 3Istanbul University Istanbul Faculty of Medicine, Turkey; 4Istanbul University Istanbul Faculty of Medicine Department of Medical Biology, Turkey

**BOS181**
RECIPIENT APO1 GENOTYPE AND ALLOGRAFT OUTCOMES IN LIVE KIDNEY TRANSPLANTATION
Konstantinos Koutroutsos; Ruhena Sergeant; Fiona Powell; Corinna Freeman; Paul Brookes; David Taube; Marina Loucaidou
Imperial College London, United Kingdom

**Challenging conditions in kidney transplantation**
**Chair(s):** Antonio Alcaraz, Murcia, Spain; Erik Berglund, Stockholm, Sweden

**BOS182**
CHALLENGING CASES IN HAND-ASSISTED RETROPERITONEOSCOPIC DONOR NEPHRECTOMY: RIGHT KIDNEYS WITH MULTIPLE ARTERIES
Emin Baris Akin; Soykan Barlas; Murat Dayangac
Florance Nightingale Bilim Universitesi Sisli Hastanesi, Turkey

**BOS183**
OPTIMIZING HAND-ASSISTED RETROPERITONEOSCOPIC LIVING DONOR NEPHRECTOMY (HARP) WITH A PASSIVE POLARIZING THREE-DIMENSIONAL DISPLAY SYSTEM
Roger Wahba; Robert Kleiner; Martin Hellmich; Georg Dieplinger; Hans A Schloesser; Nadine Heiermann; Denise Buchner; Christine Kurschat; Dirk L Stippel

1Division of Transplantation Surgery, Department of General, Visceral and Cancer Surgery, Germany; 2Division of Transplantation Surgery, Department of General, Visceral and Cancer Surgery, Transplant, Germany; 3Institute of Medical Statistics, Informatics and Epidemiology, University of Cologne, Germany; 4Department II of Internal Medicine and Center for Molecular Medicine Cologne, University of Cologne, Germany

**BOS184**
ROBOT-ASSISTED LAPAROSCOPIC DONOR NEPHRECTOMY: EXCESS OR OPPORTUNITY?
Andrea Collini; Vanessa Borgogni; Giuliana Ruggieri; Gabriele Ugolini; Mario Carmellini
Azienda Ospedaliera Universitaria Senese, Italy

**BOS185**
RENAL TRANSPLANTATION IN PATIENTS WITH VOIDING DYSFUNCTIONS AND WITH OBSTRUCTIVE UROPATHY
Sahier Khashab; Amin Soliman; Ismail Saad; Enmar Habib; Aziz Kohaif; Sherif Abdelrahman; Ahmed Morsy

1Cairo University, Egypt; 2Cairo University, Egypt

**BOS186**
CLINICAL OUTCOME OF A PATIENT OF POST RENAL TRANSPLANT ENCAPSULATING PERITONEAL SCLEROSIS AFTER DUDENAL RESECTION ANASTOMOSIS WITHOUT ADHESIONOLYSIS
Ebadur Rahman; Ashraf Attia; Modassar Mahboob; Ihab Afifi
Prince Sultan Military Medical City, Saudi Arabia

**BOS187**
NATURAL HISTORY OF SPLEENECTOMY IN A CASE OF POST RENAL TRANSPLANT WITH RESISTANT ABO INCOMPATIBLE VASCULAR REJECTION
Ashraf Attia; Yasar Zahid Khan; Ihab Afifi; Naveed Aslam; Ebadur Rahman
Prince Sultan Military Medical City, Saudi Arabia
13.24 **BOS188**
PRELIMINARY EXPERIMENTAL MODEL FOR ‘ILEOBLADDER’ AND RENAL TRANSPLANT IN RATS AND PIGS
Mehmet Haberal1; Mahir Kırnar1; Oruc Numan Gökce1; Didem Bacaanlı2; Zeyneo Ersoy3; Murbek Bayzakov4; Adnan Torgay4; Handan Ozdemir4
1Department of Transplant Surgery, Baskent University, Turkey; 2Research Center, Baskent University, Turkey; 3Department of Anesthesiology, Baskent University, Turkey; 4Department of Pathology, Baskent University, Turkey

13.28 **BOS189**
LONG-TERM ALLOGRAFT AND PATIENT SURVIVAL IS IMPAIRED IN RENAL TRANSPLANT RECIPIENTS RECEIVING ANTIPLATELET THERAPY
Tamas Benko; Marlene Gottmann; Sonia Radunz; Anja Bienholz; Fuat Saner; Jurgen Treckmann; Andreas Paul; Dieter Hoyer
University Hospital Essen, Germany

13.32 **BOS190**
RECONSTRUCTION OF A DAMAGED LOWER POLAR ARTERY FOR KIDNEY TRANSPLANTATION USING TUBULARISED DONOR AORTA
Andrew Vicens-Morton1; Chris Callaghan2; Jonathon Olsburgh3
1Guy’s and St Thomas NHS Trust, United Kingdom; 2Guy’s and St Thomas NHS Trust, United Kingdom

13.36 **BOS191**
RENAL ARTERY ANEURYSM REPAIR USING LAPAROSCOPIC NEPHRECTOMY, BACK BENCH VASCULAR RECONSTRUCTION AND AUTOTRANSPLANTATION: CASE SERIES OF 6 SURGICAL PROCEDURES
Gabriele Soldini1; Giuseppe Ietto2; Domenico Iovino2; Cristiano Parise2; Elia Zani2; Veronica Raveglia3; Matteo Tozzi3; Giulio Carcano3
1University of Insubria, Varese, Italy; 2General Surgery and Transplant, University of Insubria, Varese, Italy; 3University of Insubria, Varese, Italy

13.40 **BOS192**
LAPAROSCOPIC KIDNEY TRANSPLANTATION: FIRST EXPERIENCE IN TURKEY
Ender Ozden; Yarkin Kamil Yakupoglu; Suleyman Oner; Melda Dilek; Yakup Bostanci; Saban Sarikaya
Ondokuz Mayis University, Turkey

13.44 **BOS193**
EN BLOC RENAL TRANSPLANTATION: SURGICAL COMPLICATIONS AFTER 25 YEARS OF FOLLOW-UP
Maria Angeles Moreno De La Higuera; Natividad Calvo Romero; Isabel Perez Flores; Marta Calvo Arevalo; Amir Shabaka; Virginia Lopez De La Manzanara; Beatriz Rodriguez Cubillo; Angel Gomez Vegas; Jesus Blazquez Izquierdo; Ana Isabel Sanchez-Fructuoso
Hospital Clinico San Carlos, Spain

13.48 **BOS194**
RENAL TRANSPLANT IN RECIPIENTS WITH COMPLETE IVC THROMBOSIS
Vishnu Swaroop Venkatarasimhamoorthy1; Omar Masood2; Muhammed Jameel3; Lutz Hostert4; Richard Baker5; Niaz Ahmad6
1St James’s University Hospital, Leeds, United Kingdom; 2St James’s University Hospital, Leeds, United Kingdom

13.52 **BOS195**
THE BENEFIT OF MINIMAL INCISION 3D LAPAROSCOPIC RIGHT DONOR HEPATECTOMY: 3D VISUALIZATION CAN OVERCOME LIMITATION OF CONVENTIONAL 2D LAPAROSCOPIC SURGERY?
Hyo-Sin Kim; Sang-Young Chung
Department of Surgery, Chonnam National University Medical School, Republic of Korea
13.00 – 14.00 **BOS15** Refining results in heart transplantation  
**Chair(s):** Nicolas Manito, Barcelona, Spain

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13.00 **BOS196**  
ABOUT THE USE OF FOETAL HEART IMPLANTS FOR HEART LESION REPAIR IN RATS  
Sebastien Queron1; Esmail Saligheh Najar2; Paul Delrée2; Carine DePrez2; Very Coulie1  
1ULB Laboratory of Experimental Medicine, Belgium; 2IPG, Belgium

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13.04 **BOS197**  
BIOMARKERS’ PANELS INCLUDING ST2: DIAGNOSTIC EFFICACY IN PATIENTS WITH REJECTION IN THE LONG TIME AFTER HEART TRANSPLANTATION  
Sergey Gautier; Alexey Shevchenko; Natalia Mozheiko; Olga Gichkun; Alexandra Aksenova;  
Kate Stakhanova; Elena Nikitina; Kseniya Bolshakova; Olga Shevchenko  
V.I. Shumakov Federal Research Center of Transplantology and Artificial Organs, Russian Federation

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13.08 **BOS198**  
PLASMA ST2 LEVEL BEFORE AND AFTER HEART TRANSPLANTATION  
Sergey Gautier; Alexey Shevchenko; Natalia Mozheiko; Alexandra Aksenova; Adelya Ulybysheva;  
Vladislav Orlov; Guzel Salikhova; Olga Shevchenko  
V.I. Shumakov Federal Research Center of Transplantology and Artificial Organs, Russian Federation

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13.12 **BOS199**  
CLINICAL AND HEMODYNAMIC PHENOTYPES OF GRAFT DYSFUNCTION: IMPROVING ETIOLOGICAL DIAGNOSIS BY BIOPSY MOLECULAR PROFILING  
Laura Borgese1; Agnese Gaudenzzi2; Valentina Agostini3; Jeff Reeve4; Marco Masetti5;  
Barbara Corti6; Francesco Grigioni7; Ornella Leone8; Philip Halloran2; Luciano Potena1  
1Bologna University Hospital, Italy; 2University of Alberta, Edmonton, Canada

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13.16 **BOS200**  
IMMUNEMONITORING OF REGULATORY CD4 CELLS IN HEART RECIPIENTS UNDER IMMUNOTHERAPEUTIC INDUCTION: ONE–SINGLE DOSE VERSUS TWO–DOSE BASILIXIMAB  
Sandra Garcia1; Elizabeth Sarmiento2; Leticia Calahorra1; Antonio Gallego3; Eduardo Zatarain1;  
Paula Navas1; Iago Sousa-Casasnovas1; Raquel Lerma2; Javier Carbone2  
1Hospital General Universitario Gregorio Marañon. Madrid, Spain; 2Hospital General Universitario Gregorio Marañon. Complutense University, Madrid, Spain

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13.20 **BOS201**  
EFFICACY AND SAFETY OF DIFFERENTS IMMUNOSUPPRESSION STRATEGIES (IS) IN COMBINED HEART AND KIDNEY TRANSPLANTATION (CHKT)  
Fernando Amador Mos; Margarita Peradejordi; Liliana Favaloro; Maria Florencia Renedo;  
Analia Laura Guazzzone; Paola Morejon Barragan; Luis Maria Gutierrez; Rita Marcela Fortunato;  
Alejandro Mario Bertolotti; Roberto Favaloro; Pablo Miguel Raffaele  
Hospital Universitario Fundación Favaloro, Argentina

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13.24 **BOS202**  
RECURRENT ANTIBODY-MEDIATED REJECTIONS EPISODES MIGHT PROMOTE THE DEVELOPMENT OF RAPIDLY PROGRESSIVE FORM OF CARDIAC ALLOGRAFT VASCULOPATHY  
Guillaume Coutance1; Lucas Van Aalst2; Sammy Goulard3; Gérard Heß4; Salima Ouldamar5;  
Philippe Rouvier6; Samir Saheb5; Nicolas Bréchet3; Pascal Leprince1; Shaida Varnous1  
1Department of Cardiac and Thoracic Surgery, Cardiology Institute, Pitié Salpêtrier, France; 2Department of Cardiology, Cardiology Institute, Pitié Salpêtrier Hospital, Univer, France; 3Department of Pathology, Pitié Salpêtrier Hospital, University of Paris VI, Paris, France; 4Department of Hemo-biotherapies, Pitié Salpêtrier Hospital, University of Paris V, France; 5Department of Medical Reanimation, Cardiology Institute, Pitié Salpêtrier Hospita, France
13.28 **BOS203**
INTRAVENOUS IMMUNOGLOBULIN THERAPY INCREASES SERUM ANTI CLOSTRIDIUM DIFFICILE TOXIN SPECIFIC ANTIBODIES IN HEART TRANSPLANT PATIENTS
Ikram Ezzahouri; Elizabeth Angélica Sarmiento; Judith Montanchez; Leticia Calahorra; Sandra Garcia; Iago Sousa-Casasnovas; María Luisa Rodríguez-Ferrero; Maricela Valerio; Magdalena Salcedo; Joaquín Navarro; Eduardo Fernandez-Cruz; Javier Carbone
Hospital General Universitario Gregorio Marañón. Madrid, Spain

13.32 **BOS204**
ATRIAL FLUTTER AFTER CARDIAC TRANSPLANTATION: ELECTROPHYSIOLOGIC CHARACTERIZATION AND CATHETER ABLATION
Patricia Avellana; Claudio Hadid; Alexis Ini; Daniel Radlovachki; Dario Di Toro; Carlos Labadet; Walter Esteban; Luis Ahualli
Hospital Cosme Argerich, Argentina

13.36 **BOS205**
DEVELOPMENT OF RENAL FUNCTION IN PATIENTS RECEIVING SIROLIMUS WITH REDUCED CNI-DOSAGE AND WITHOUT CNI-MEDICATION
Uwe Fuchs; Armin Zittermann; Angelika Costard-Jäckle; Elisa Meschede; Henrik Fox; Stephan Ensminger; Uwe Schulz; Jan Gammert
Department of Thoracic and Cardiovascular Surgery, Heart Center NRW, Ruhr University Bochum, Bad Oeynhausen, Germany

13.40 **BOS206**
DOES EVEROLIMUS IMPACT LONG TERM CLINICAL EVENTS IN HEART TRANSPLANTATION?
Marco Masetti; Matteo Bellettini; Agnese Gaudenzi; Mario Sabatino; Francesco Grigioni; Luciano Potena
Bologna University Hospital, Italy

13.44 **BOS207**
A RARE CASE OF RESPIRATORY FAILURE IN A BOY FOLLOWING VENTRICULAR ASSIST DEVICE INSERTION. CASE REPORT
Zafer Gokkaya; Oguz Konukoglu; Umut Acar; Akin Akbulut; Ozlem Yenidunya; Oya Ferah; Ercument Yentür
1Istanbul Bilim University Florence Nightingale Hospital, Turkey; 2Istanbul Yeni Yuzyl University, Turkey

13.48 **BOS208**
CLINICAL PHENOTYPES OF CARDIAC GRAFT DYSFUNCTION: LINGERING HEART FAILURE AND MULTIPLE ETIOLOGIES
Luciano Potena; Valentina Manfredini; Agnese Gaudenzi; Alice Brighenti; Marco Masetti; Laura Borgese; Francesco Grigioni
Bologna University Hospital, Italy

13.52 **BOS209**
COMBINED TRANSPLANTATION: A CASE REPORT OF THE WORLD’S FIRST HEART-KIDNEY TRANSPLANT FROM DONATION AFTER CIRCULATORY DETERMINED DEATH
Aravinda Page; Simon Messer; Stephen Large; Steven Tsui; Catherine Sudarshan
Papworth Hospital NHS Foundation Trust, United Kingdom
13.00 – 14.30 Launching the EPAT tool for psychosocial assessment of living donors: A workshop from ELPAT

Room 113

The creators view

The psychosocial assessment of living donor candidates is an integral part of living donor work-up. Yet there are few standardised approaches to ensure the comprehensive and high quality of assessment. There are many international guidelines that suggest ‘what’ but not ‘how’. Developed by the Psychological Care for Living Donors and Recipients working group of ELPAT, the new ELPAT Psychosocial Assessment Tool (EPAT) provides a method for psychosocial evaluation of potential kidney and liver donors. During this workshop we will introduce the EPAT and discuss case studies to illustrate how it can be implemented in clinical practice. This unique workshop is open to all professionals interested in psychosocial screening of living donor candidates. Pre-registration not required!

CHAIRS: Ines Mega, Lisbon, Portugal
Christina Papachristou, Berlin, Germany

13.00 Interactive introduction
Christina Papachristou, Berlin, Germany

13.15 Present the tool
Emma Massey, Rotterdam, The Netherlands

13.30 Case study discussion
Christina Papachristou, Berlin, Germany and Ines Mega, Lisbon, Portugal

14.20 Q&A and future plans

PLENARY SESSION 2

14.05 – 15.35 Trials and tribulations in transplantation

Auditorium

The creators view

Some of the established frameworks and conventional approaches in transplantation are outdated and hinder further progress in the field: endpoints such as BPAR may be less relevant in the modern era while surrogate endpoints e.g. for long term KTx survival are lacking. We herein attempt to shake up your minds and engage in a mind-set that challenges some of the things considered to be ‘true’ or important. Let us rethink the relevance and value of established tools for promotion of progress in clinical science and face the need for change and the challenges that come with it. Welcome to a session that will be rebellious and provocative but also constructive and productive.

CREATED BY: Mark Dahlke, Regensburg, Germany
Alexandre Loupy, Paris, France

CHAIRS: Robert Montgomery, New York, United States
Gabriel Oniscu, Edinburgh, United Kingdom

14.05 What to do when randomized controlled trials stop working
Alexandre Loupy, Paris, France

14.25 I can induce tolerance but nobody wants to believe me
Alberto Sánchez-Fueyo, London, United Kingdom

14.45 Define success in the 2017 transplant world; a path to happiness
Flavio Vincenti, San Francisco, United States

15.05 KEYNOTE Managing change with big data
Dorry Segev, Baltimore, United States
16.00 – 17.00  
**Value and costs of science and patient care in transplantation: the unwanted truth**

**The creators view**

The idea of this session is to critically reflect on the value and cost-relationship in transplantation – in reference to science, progress, quality of life, patient behaviour including compliance but also regulatory obligations such as working week regulations. The value of life and costs of suffering as well as the implications of money and patient but also physician behaviour are much debated issues in modern health care. We will touch on strategic thinking in research funding, the implementation from lab inventions to successful enterprises and what can be learned from the free market. In this session, we aim to draw a modern picture of the actual circumstances in healthcare with respect to both the finances of a treatment, but also patient behaviour and their implications on outcome and quality of care. You will experience a different and fresh view on patient care in a rapidly changing environment.

**CREATED BY:** Stefan Schneeberger, Innsbruck, Austria  
Dorry Segev, Baltimore, United States

**CHAIRS:** Gerald Brandacher, Baltimore, United States  
Stefan Schneeberger, Innsbruck, Austria

16.00  
**The price for progress**  
Wim Bens, Maastricht, The Netherlands

16.20  
**The changing circumstances in health care and their consequences**  
Scott Halpern, Philadelphia, United States

16.40  
**The price for patient satisfaction**  
Sheila Jowsey, Rochester, United States

16.00 – 17.00  
**Full oral sessions**

16.00 – 17.00  
**OS13 Experimental strategies to ameliorate liver ischemia-reperfusion injury**

**CHAIR(S):** Andrea Schlegel, Zurich, Switzerland; Philip Dutkowski, Zurich, Switzerland

16.00  
**OS121 CYTOTOPI THROMBIN INHIBITION ATTENUATES MICROVASCULAR ENDOTHELIAL ISCHAEMIA-REPERFUSION INJURY**

Bynvant Sandhu¹; Josefin Ahnstroem²; Jim Crawley²; Maria Prendecki²; Neil Galloway-Phillips²; Justin Mason²; Tony Dorling³; Richard Smith³; Charles Pusey²; Vassilios Papalois²  
¹Imperial College - Hammersmith hospital, United Kingdom; ²Imperial College London, United Kingdom; ³King’s College London, United Kingdom

16.07  
**OS122 HYDROGEN PERFUSION AFTER COLD STORAGE; A NEW, SIMPLE, AND NON-INVASIVE GRAFT CONDITIONING FOR AMELIORATING HEPATIC ISCHEMIA/REPERFUSION INJURY?**

Ichiro Tamaki; Koichiro Hata; Yusuke Okamura; Nigmet Yermek; Hirofumi Hirao; Toyonari Kubota; Osamu Inamoto; Jiro Kusakabe; Junichi Yoshikawa; Tetsuya Tajima; Toru Goto; Shinji Uemoto  
Kyoto University, Graduate School of Medicine, Japan
16.14 OS123
PROTECTIVE EFFECT OF CODIUM FRAGILE EXTRACT (FUCOIDAN) PRETREATMENT AGAINST HEPATIC ISCHEMIA-REPERFUSION INJURY IN MICE
Hyuk Jai Jang1; Chun Soo Park2; Hwa Mee Lee3; Ji Hwan Lee2; Mee Young Oh2; Woo Jeong Park4; SangGuan You4
1University of Ulsan College of Medicine Gangneung Asan Hospital, Republic of Korea; 2Department of Surgery, University of Ulsan, Gangneung Asan Hospital, Republic of Korea; 3Department of Anesthesia, University of Ulsan, Gangneung Asan Hospital, Republic of Korea; 4Department of Marine Food Science and Technology, Gangneung-Wonju National University, Republic of Korea

16.21 OS124
EFFECTS OF HUMAN LIVER STEM CELLS-DERIVED EXTRACELLULAR VESICLES ON HYPOXIC INJURY IN AN EX VIVO NORMOTHERMIC RAT LIVER PERFUSION MODEL
Federica Rigo1; Nicola De Stefano1; Victor Navarro-Tableros2; Ezio David3; Nicholas Gilboi3; Dorotea Roggio1; Damiano Patrono1; Mauro Salizzoni1; Giovanni Camussi4; Renato Romagnoli1
1AOU Città della Salute e della Scienza di Torino, Liver Transplant Center, Italy; 22i3T - Società per la gestione dell’incubatore di imprese e per il trasferimento tecnologico dell’Un, Italy; 3AOU Città della Salute e della Scienza di Torino, Pathology Unit, Italy; 4Department of Medical Sciences, University of Turin, Italy

16.28 OS125
36 HOURS OF EX-VIVO WARM CELLULAR PERFUSION OF SWINE LIVER USING THE ORGAN CARE SYSTEM (OCS™) LIVER WITH EXCELLENT FUNCTIONAL, METABOLIC AND HISTOLOGICAL OUTCOMES
Joseph Magliocca1; James Markmann2; Marwan Abouljoud3; Mark Ghobrial4; Anthony Demetris5
1Emory Transplant Center, United States; 2Massachusetts General Hospital, United States; 3Henry Ford Hospital, United States; 4Houston Methodist Hospital, United States; 5University of Pittsburgh Medical Center, United States

16.35 OS126
DYNAMIC TEMPERATURE RANGE MEASUREMENT OF THE ABDOMINAL ORGANS DURING DCD AND DBD PROCUREMENT IN COMBINATION WITH THORACIC ORGAN HARVESTING (REWARMING - WE ARE NOT EXPECTING THAT TO HAPPEN)
Dimitri Mikhailski; Alexis Buggenhout; Desislava Germanova; Eleonora Farinella; Georgios Katsanos; Patrizia Loi; Valerio Lucidi; Choy Tsy Yeng
Department of Abdominal Surgery and Transplantation Hopital Erasme ULB, Belgium

16.42 OS127
DNA METHYLATION PATTERN INFLUENCES SEVERITY OF ISCHEMIA-REPERFUSION INJURY AFTER LIVER TRANSPLANTATION
Daniel Maluf1; Debalina Bagchi2; Mikhail Dozmorov2; Yasaman Riahi2; Sai Vineela Bontha2; Ricardo Gehrau3; Valeria Mas4
1UVAHS, United States; 2UVA HS, United States; 3VCUHS, United States; 4UVA, United States

16.49 OS128
IMPACT OF GRADED STEATOSIS ON THE EX-VIVO MACHINE PERFUSION PARAMETERS OF DONOR LIVERS USING A COMPREHENSIVE PROTOCOL OF PERFUSION TECHNIQUES
Yuri Boteon1; Richard Laing1; Lorraine Wallace2; Andrea Schlegel1; Ricky Bhogal1; Darius Mirza1; Hynek Mergental1; Simon Afford1
1Queen Elizabeth Hospital Birmingham, United Kingdom; 2University of Birmingham, United Kingdom
OS14 Outcomes in kidney transplantation

Chair(s): Federico Oppenheimer, Barcelona, Spain

16.00 – 17.00

OS129 Toward Establishing Core Outcome Domains for Trials in Kidney Transplantation: Report of the Standardized Outcomes in Nephrology – Kidney Transplantation (SONG-Tx) Consensus Workshops

Allison Tong1; John Gill2; Klemens Budde3; Lorna Marson4; Peter Reese5; Lionel Rostaing6; David Rosenbloom7; Germaine Wong8; Michelle Josephson9; Timothy Pruett10; Anthony Warrens11; Jonathan Craig12; Benedicte Sautenet13; Nicole Evangelidis14; Angelique Rahl15; Camilla Hanson16; Jenny Shen17; Kirsten Howard18; Klemens Meyer19; Ronald Perrone20; Daniel Weiner21; Samuel Fung22; Maggie Ma23; Caren Rose24; Jessica Craig25; Ling-Xin Chen26; Martin Howell27; Angela Ju28; Sibhana Thangaraju29; Nicholas Larkins30; Jeremy Chapman31

1The Children’s Hospital at Westmead, Australia; 2St Paul’s Hospital, Canada; 3Charite Hospital, Germany; 4University of Edinburgh, United Kingdom; 5University of Pennsylvania Perelman School of Medicine, United States; 6Clinique Universitaire de Nephrologie, France; 7ESRD 18, United States; 8The University of Chicago, United States; 9University of Minnesota, United States; 10Queen Mary University of London, United Kingdom; 11Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center, United States; 12Tufts Medical Center, United States; 13Princess Margaret Hospital, Hong Kong; 14The University of Hong Kong, Queen Mary Hospital, Hong Kong; 15Monash University, Australia; 16University of Chicago, United States; 17Singapore General Hospital, Singapore; 18Westmead Hospital, Australia

OS130 Deceased donor kidney transplantation in elderly recipients. Outcomes after listing and transplantation in patients aged 70 years and older

Anna Adamusiak1; Chloe Brown2; Tracey Salter3; Peter Andrews3; Christopher Callaghan1

1Guy’s Hospital, United Kingdom; 2NHS Blood and Transplant, United Kingdom; 3St Helier Hospital, London, United Kingdom

OS131 Clinical variables alone are not enough to reliably predict unfavourable transplant outcome other than delayed graft function

Cyril Moers1; Cynthia Konijn2; Henri Leuvenink2; Andries Hoitsma2

1University Medical Center Groningen, The Netherlands; 2Dutch Transplantation Foundation, The Netherlands

OS132 Causes and predictive factors for kidney graft failure at one year following renal transplantation: A multicenter analysis on 10 years on 179 cases

Gauthier Flahaut1; Pierre-François Westeel1; Marc Hazzan2; Christian Noël3; Isabelle Etienne1; Dominique Bertrand1; Philippe De Sousa1; Gabriel Choukroun1

1Amiens University Hospital, France; 2Lille University Hospital, France; 3Rouen University Hospital, France

OS133 Deciphering the specific causes of kidney allograft loss: A population based study

Charlotte Loheac1; Olivier Aubert1; Jean-Paul Duong Van Huyen1; Nassim Kamar2; Michel Delahousse1; Denis Giotz1; Christophe Legendre1; Carmen Leaucheur1; Alexandre Loupy5

1Paris Translational Research Center For Organ Transplantation, France; 2Toulouse Hospital, France

OS134 Urinary and kidney graft PECs: New prognosis marker for graft outcome

Anna Manonelles1; Roser Guiubas1; Edoardo Melilli1; Montse Gomà1; Oriol Bestard1; Paola Romagnani2; Josep Ma Cruzado1

1Hospital Universitari de Bellvitge. IDIBELL, Spain; 2DENOTHE, Italy
16.42
OS135
GFR DECLINE AS AN ENDPOINT FOR LONG TERM RENAL TRANSPLANT OUTCOME: COMPARISON BETWEEN INULIN-MEASURED AND CREATININE-ESTIMATED GFR
Agnès Delay¹; Olivier Moranne¹; Nicolas Maillard¹; Eric Alamartine¹; Christophe Mariat¹
¹Chu Nord Saint Etienne, France; ²Chu De Nîmes, France

16.49
OS136
A MULTIDIMENSIONAL PROGNOSTIC SCORE AND NOMOGRAM TO PREDICT KIDNEY TRANSPLANT SURVIVAL: THE INTEGRATIVE BOX (IBOX) SYSTEM
Alexandre Loupy¹; Olivier Aubert¹; Babak Orandi²; Annette Jackson²; Maarten Naesens³; Nassim Kamar¹; Olivier Thaunat¹; Emmanuel Morelon¹; Michel Delahousse⁶; Denis Viglietti¹; Christophe Legendre¹; Denis Glotz⁶; Robert A Montgomery²; Mark D Stegall²; Dorry L Segev¹⁰; Carmen Lefaucheur¹
¹Paris Translational Research Center For Organ Transplantation, France; ²Johns Hopkins University, United States; ³University Hospitals Leuven, Belgium; ⁴Toulouse Hospital, France; ⁵Renal Transplant Department, Lyon University, France; ⁶Foch Hospital, France; ⁷Necker Hospital, France; ⁸Saint-Louis Hospital, France; ⁹Division Of Transplantation Surgery, William J. Von Liebig Transplant Center, Mayo Clinic, United States; ¹⁰Surgery, Johns Hopkins University Comprehensive Transplant Center, Baltimore, Maryland, United States

16.00 – 17.00
OS15 Liver immunology and rejection
Chair(s): Alberto Sanchez Fueyo, London, United Kingdom; Edward Geissler, Regensburg, Germany

16.00
OS137
A PRETRANSPLANT GLYCOMIC SIGNATURE IN PERFUSATE IS PREDICTIVE OF PRIMARY NON FUNCTION AFTER LIVER TRANSPLANTATION
Xavier Verhelst¹; Anja Geerts¹; Xavier Rogiers¹; Aude Vanlander¹; Frederik Berrevoet¹; Nico Callewaert¹; Roberto Troisi¹; Hans Van Vlierberghe¹
¹Ghent University Hospital, Belgium; ²Medical Biotechnology Center VIB, Belgium

16.07
OS138
STEATOTIC HUMAN LIVERS SHOW INFERIOR FUNCTION COMPARED TO NON-STEATOTIC LIVERS DURING EX-SITU VIABILITY ASSESSMENT BY OXYGENATED MACHINE PERFUSION
Negin Karimian¹; Viola Huang¹; Fermin Fontan¹; Mohamed M. Aburawi¹; Sharon Geerts²; Safak Mert¹; Irene Beijert²; Robert J. Porte³; Martin Yarmush²; Korkut Uygur¹; James F. Markmann¹; Heidi Yeh¹
¹Division of Transplantation, Department of Surgery, Massachusetts General Hospital, Harvard Medical, United States; ²Center for Engineering in Medicine, Department of Surgery, Massachusetts General Hospital, Harvard M, United States; ³Division of Hepatobiliary Surgery and Liver Transplantation, Department of Surgery, University Medc, The Netherlands

16.14
OS139
LIVER TNF-ALPHA EXPRESSION PREDICTS ACUTE ALLOGRAFT REJECTION AND GRAFT SURVIVAL
B. Handan Ozdemir; Gonca Ozgun; Ebru Ayvazoğlu Soy; Figen Ozcay; Mehmet Haberal Baskent University, Turkey

16.21
OS140
SUCCESSFUL SERIES OF RITUXIMAB DESENSITIZATION FOR LIVER TRANSPLANTATION WITH PREFORMED DONOR SPECIFIC ANTIBODIES
Yasuhiro Ogura; Hideya Kamei; Masahiko Komagome; Nobuhiko Kurata; Yasuharu Onishi Nagoya University Hospital, Japan
16.28 **OS141**
AN OPEN-LABEL PROOF-OF-PRINCIPLE PHASE 2A STUDY TO EVALUATE AUTOLOGOUS HEMATOPOIETIC STEM CELL TRANSPLANTATION FOR ALLOGENIC ORGAN TRANSPLANT TOLERANCE (ASCOTT)
Harold Atkins1; Andrzej Chruscinski2; Meaghan MacArthur3; Anne Marie Clement1; David Grant4; Christopher Bredesen2; Eberhard Renner2; Les Lilly2; Nazia Selzner2; Oyedele Adeyi2; Robert Smith2; Atul Humar2; Kathryn Tinckam2; Stephen Juvet2; Gary Levy2
1Ottawa Hospital Research Institute, Canada; 2University Health Network, Canada

16.35 **OS142**
EARLY TREATMENT WITH CMV-HYPERIMMUNOGLOBULIN ATTENUATES PRO-INFLAMMATORY AND IMMUNOLOGIC ACTIVATION IN CRITICALLY ILL HIGH MELD (≥ 30) LIVER RECIPIENTS
Arno Kornberg1; Ulrike Witt2; Martina Schernhammer2; Helmut Friess2
1TU Munich, Klinikum rechts der Isar, Department of Surgery, Germany; 2TU Munich, Department of Surgery, Germany

16.42 **OS143**
The immunological effects of normothermic machine perfusion of the liver
David Nasralla1; William Critchley2; Constantin Coussios1; Rutger Ploeg1; Peter Friend4; James Fieldes2
1Oxford Transplant Centre, Nuffield Department of Surgical Sciences, University of Oxford, United Kingdom; 2Manchester Collaborative Centre for Inflammation Research, University of Manchester, United Kingdom; 3Institute of Biomedical Engineering, University of Oxford, United Kingdom; 4Oxford Transplant Centre, Nuffield Department of Surgical Sciences, University of Oxford, United Kingdom

16.49 **OS144**
SIGNIFICANCE OF THE EARLY HEPATIC STELLATE CELL ACTIVATION ON THE FIBROTIC EVOLUTION OF LIVER ALLOGRAFTS: THE POSSIBLE BENEFIT OF ESTROGEN ON THIS PROCESS
B. Handan Ozdemir, Gonca Ozgun, Aydin Can Akdur, Figen Ozcay, Mehmet Haberal
Baskent University, Turkey

16.00 – 17.00 **OS16**
The risks of live kidney donation
**Chair(s):** Aisling Courtney, Belfast, United Kingdom; Hallvard Holdaas, Oslo, Norway

16.00 **OS145**
CT-DERIVED SKELETAL MUSCLE INDEX CORRELATES WITH RESIDUAL GFR AFTER LIVE KIDNEY DONATION
Michael Ramage1; Eunice Lee2; Stephen Wigmore2; Richard Skipworth1; Gabriel Oniscu2
1Department of Clinical Surgery, Royal Infirmary of Edinburgh, United Kingdom; 2Transplant Unit, Royal Infirmary of Edinburgh, United Kingdom

16.07 **OS146**
KIDNEY FUNCTION AFTER LIVING DONATION IS HIGHLY PREDICTABLE FOR DONORS AND TO A LESSER DEGREE FOR RECIPIENTS
Thomas Mueller; Laura Hapuoja; Olivier de Rougemont; Kerstin Huebel
University Spital Zürich, Switzerland

16.14 **OS147**
ASSESSING GLOMERULAR FILTRATION RATE AFTER LIVING KIDNEY DONATION
Chuan Hoang1; Tam Tran1; Sam Thai2; Sinh Tran2
1Cho Ray Hospital, Vietnam; 2Can Tho university of Medicine and Pharmacy, Vietnam

16.21 **OS148**
QUANTIFYING POSTDONATION RISK OF ESRD IN LIVING KIDNEY DONORS
Allan Massie; Abimereki Muzaale; Xun Luo; Dorry Segev
Johns Hopkins University, United States
OS149
ASSOCIATION BETWEEN SHORT-TERM POST-DONATION RENAL FUNCTION AND LONG-TERM RISK OF END STAGE RENAL DISEASE IN LIVING KIDNEY DONORS
Allan Massie; Lara Fahmy; Mary Grace Bowring; Macey Henderson; Dorry Segev
Johns Hopkins University, United States

OS150
MID-TERM EFFECTS OF HEMODYNAMIC CHANGES OF KIDNEY AND CARDIOVASCULAR SYSTEM AFTER NEPHRECTOMY IN LIVING KIDNEY DONORS
Emrullah S; Tolga Yildrim; Hakan Bahadir Haberal; Uğur Canpolat; Tuncay Hazirolan; Hasan Serkan Doğan; Fazıl TuncayAKı
Hacettepe University, Turkey

OS151
END STAGE KIDNEY DISEASE RISK PROFILE IN LIVING KIDNEY DONORS FOR PAEDIATRIC VERSUS ADULT KIDNEY TRANSPLANT RECIPIENTS IN AUSTRALIA AND NEW ZEALAND
Darren Lee¹; Natasha Cook¹; John Whitley²; Matthew Roberts²; Amanda Walker²; Frank Ierino³; Joshua Kausman⁴
¹Austin Health, Australia; ²Eastern Health, Australia; ³Royal Children’s Hospital, Australia; ⁴St Vincent’s Hospital Melbourne, Australia

OS152
PREGNANCY OUTCOMES IN A DUTCH LIVING KIDNEY DONATION POPULATION
Marleen van Buren; Christiaan Oudmaijer; Louise Maasdam; Mirjam Tielen; Michiel Betjes; Jacqueline van de Wetering
Erasmus Medical Center, The Netherlands

OS17 Kidney transplant pathology
CHAIR(s): Evelyne Lerut, Leuven, Belgium; Daniel Seron Micas, Barcelona, Spain

OS153
PROGNOSTIC IMPACT OF REJECTION IN BIOPSIES TAKEN DURING DELAYED GRAFT FUNCTION
Nico Sajadjan; Marius van den Heuvel; Tobias Huijink; Robert Pol; Stefan Berger
University Medical Center Groningen, The Netherlands

OS154
THE VALUE OF REPEAT BIOPSIES IN KIDNEY ALLOGRAFT RECIPIENTS WITH DELAYED GRAFT FUNCTION
Nico Sajadjan; Marius van den Heuvel; Tobias Huijink; Robert Pol; Stefan Berger
University Medical Center Groningen, The Netherlands

OS155
ACUTE CELLULAR REJECTION IS ASSOCIATED WITH INCREASED RISK OF EARLY AND LATE GRAFT FAILURE
Allan Massie; Jacqueline Garonzik-Wang; Dorry Segev
Johns Hopkins University, United States

OS156
META-ANALYSIS OF THE ASSOCIATION BETWEEN TRANSPLANT GLOMERULOPATHY AND GRAFT FAILURE AMONG PATIENTS UNDERGOING KIDNEY TRANSPLANTATION
Gábor Kovács¹; Giovanna Devercelli²; Zoltán Vokó³; Tamás Zelei⁴; Ishan Hirji⁵; Paul Keown⁶
¹Syreon Research Institute, Hungary; ²Shire, United States; ³Syreon Corporation and University of British Columbia, Canada

OS157
IDENTIFYING THE SPECIFIC CAUSES AND THE DETERMINANTS OF OUTCOME IN KIDNEY RECIPIENTS WITH TRANSPLANT GLOMERULOPATHY: A MULTICENTER STUDY
Olivier Aubert¹; Sarah Higgins¹; Charlotte Loheac²; Denis Viglietti³; christophe Legendre¹; Banu Sis¹; Carmen Lefaucheur⁴; Jean-Paul Duong Van Huyen⁵; Alexandre Loupy⁶
¹Paris Translational Research Center for Organ Transplantation, France; ²7 Department of Laboratory Medicine and Pathology, Canada
OS158
THE PROGNOSTIC VALUE OF INDIVIDUAL HISTOPATHOLOGICAL LESIONS AND COMPOSITE SCORES IN 0-BIOPSIES FOR KIDNEY ALLOGRAFT SURVIVAL
Andriy Trailin1; Tamara Nykonenko2; Olexander Nykonenko3; Tatiana Ostapenko4; Sergiy Vildanov5
1State Institution “Zaporizhzhia Medical Academy of Postgraduate Education Ministry of Health of Ukraine, Ukraine; 2State Institution, Ukraine

OS159
INFLAMMATION IN SCARED AREAS IN THE KIDNEY ALLOGRAFT: MAJOR IMPACT OF T CELL-MEDIATED REJECTION AND UNDER-IMMUNOSUPPRESSION
Clément Gosset; Denis Viglietti; Marion Rabant; Alexandre Loupy; Carmen Lefaucheur
Paris Translational Research Center for Organ Transplantation, France

OS160
DIFFUSE EXTENT OF PERITUBULAR CAPILLARITIS IN LATE ANTIBODY MEDIATED REJECTION -ASSOCIATION WITH TRANSPLANT GLOMERULOPATHY AND MORE SEVERE CHRONIC ALLOGRAFT DAMAGE
Zeljko Kikic1; Farsad Eskandary1; Harald Herkner1; Heinz Regele1; Rainer Oberbauer2; Gregor Bond1; Georg Boehmig1; Nicolas Kozakowski3
1Medical University of Vienna, Austria; 2Emergency medicine, Austria; 3Clinical Institute of Pathology, Austria

OS18
Immunosuppression: sparing CNIs?
CHAIR(S): Josep Cruzado, Barcelona, Spain; Klemens Budde, Berlin, Germany

OS161
EARLY CONVERSION TO A CNI-FREE IMMUNOSUPPRESSION WITH SRL AFTER RENAL TX – LONGTERM DATA OF A MULTICENTER TRIAL
Joachim Andrassy1; Markus Guba2; Antje Habicht3; Andreas Pascher4; Katharina Heller5; Bernhard Banas6; Oliver Hakenberg7; Thomas Vogel8; Jens Werner9; Teresa Kauke10
1Dpt. of Surgery, University Hospital Grosshadern, LMU Munich, Germany; 2Dpt. of Surgery, University Hospital Grosshadern, LMU Munich, Germany; 3Transplant Center, LMU, Munich, Germany; 4Department of Surgery, Charite, Campus Virchow–Clinic, Berlin, Germany; 5Department of Medicine, Division of Nephrology, University of Erlangen, Germany; 6Department of Internal Medicine II, Nephrology and Transplantation, University Medical Center, Regen, Germany; 7Department of Urology, University of Rostock, Germany; 8Dpt. of Surgery, University of Muenster, Germany

OS162
ELECTIVE CONVERSION TO SIROLIMUS VERSUS CONTINUED TACROLIMUS IN KIDNEY TRANSPLANTATION (THE 3C STUDY): RESULTS OF A RANDOMIZED TRIAL
Richard Haynes1; Colin Baigent2; Paul Harden3; Martin Landray4; Peter Friend5
1Medical Research Council Population Health Research Unit, United Kingdom; 2MRC Population Health Research Unit, University of Oxford, United Kingdom; 3Oxford University Hospitals NHS Foundation Trust, United Kingdom; 4Clinical Trial Service Unit, University of Oxford, United Kingdom; 5Nuffield Department of Surgical Sciences, University of Oxford, United Kingdom

OS163
MULTICENTER, RANDOMIZED, OPEN LABEL, PROSPECTIVE CLINICAL STUDY TO COMPARE THE EFFICACY AND SAFETY OF STEROID WITHDRAWAL ON DAY 5 IN A COMBINATION OF TACROLIMUS PLUS EVEROLIMUS VS TACROLIMUS PLUS MMF
Gionata Spagnoletti1; Loreto Gesualdo2; Francesco Pisani3; Salvatore Gruttadauria4; Flavia Caputo2; Giovanni Frascà5; Franco Citterio1
1Renal Transplant Unit, Università Cattolica del Sacro Cuore, Rome, Italy; 2Dipartimento dell’Emergenza e dei Trapianti di Organi, Università degli Studi di Bari, Italy; 3UOC Chirurgia Generale e Trapianti d’Organo, Ospedale “S. Salvatore” de L’Aquila., Italy; 4Abdominal and Transplant Surgery Unit, ISMETT–UPMC, Palermo, Italy; 5UOC Nefrologia e Trapianto, ARNAS Civico Palermo, Italy; 6Nephrology, Dialysis and Renal Transplantation Unit, Ospedali Riuniti, Ancona, Italy
16.21 **OS164**
EVEROLIMUS ENABLES TACROLIMUS AND STEROID MINIMIZATION WITH REDUCED INCIDENCE OF CMV INFECTION AND PRESERVED GRAFT FUNCTION IN DE NOVO RENAL TRANSPLANT RECIPIENTS AT 12 AND 24 MONTHS POST-TRANSPLANT
Ronaldo M Esmeraldo; Taina M Sandes-Freitas; Celi M Girao; Maria LMB Oliveira-Sales; Petrucia MA Pinheiro
Hospital Geral de Fortaleza, Brazil

16.28 **OS165**
EVEROLIMUS WITH REDUCED TACROLIMUS DEMONSTRATES EFFICACY AND IMPROVED RENAL FUNCTION FOLLOWING LIVING-DONOR LIVER TRANSPLANTATION – 12 MONTHS RESULTS FROM THE PIVOTAL H2307 STUDY
Sung-Gyu Lee; Long-Bin Jeng; Arvinder Singh Soin; Wei-Chen Lee; Shinji Uemoto; Mahmoud El Meteini; Patricia Lopez; Jossy Kochuparambil; Carole Sips; Shuhei Kaneko; Gary Levy
1Asan Medical Centre, Seoul, Republic of Korea; 2China Medical University Hospital, Taichung, Taiwan; 3Medanta Liver Institute, Medcity Hospital, Gurgaon, India; 4Chang Gung Memorial Hospital, Tao-Yuan, Lin-Ko, Taiwan; 5Kyoto University Hospital, Kyoto, Japan; 6Ain Shams Centre for Organ Transplantation (ASCOT), Ain Shams University, Cairo, Egypt; 7Novartis Pharma AG, Basel, Switzerland; 8Novartis Pharma KK, Tokyo, Japan; 9University of Toronto, Toronto, Canada

16.35 **OS166**
EVEROLIMUS WITH REDUCED TACROLIMUS PROVIDES COMPARABLE EFFICACY VERSUS STANDARD TACROLIMUS FOLLOWING LIVING DONOR LIVER TRANSPLANTATION: A 12-MONTH SUBGROUP ANALYSIS FROM THE PIVOTAL H2307 STUDY
Long-Bin Jeng; Sung-Gyu Lee; Arvinder Singh Soin; Wei-Chen Lee; Yaman Tokat; Kieron B Lim; Mahmoud El Meteini; Patricia Lopez; Jossy Kochuparambil; Carole Sips; Shuhei Kaneko; Takahito Yagi
1China Medical University Hospital, Taichung, Taiwan; 2Asan Medical Centre, Seoul, Republic of Korea; 3Medanta Liver Institute, Gurgaon, India; 4Chang Gung Memorial Hospital, Taoyuan, Taiwan; 5Bilim University, Istanbul, Turkey; 6National University of Singapore Centre for Organ Transplantation, Singapore; 7Ain Shams Centre for Organ Transplantation (ASCOT), Ain Shams University, Cairo, Egypt; 8Novartis Pharma AG, Basel, Switzerland; 9Novartis Pharma KK, Tokyo, Japan; 10Okayama University Hospital, Okayama, Japan

16.42 **OS167**
EARLY TACROLIMUS WITHDRAWAL AFTER LIVER TRANSPLANTATION PROVIDES IMPROVEMENT OF RENAL FUNCTION VERSUS EVEROLIMUS-FACILITATED REDUCED-EXPOSURE TACROLIMUS: RESULTS OF A NATIONAL PILOT STUDY
Paolo De Simone; Giuseppe Tisone; Fabrizio Di Benedetto; Antonio Daniele Pinna; Umberto Tedeschi; Umberto Baccarani; Luigi Giovanni Lupo; Stefano Fagioli; Umberto Cillo
1University of Pisa Medical School Hospital, Italy; 2General Surgery and Transplantation, Tor Vergata University Hospital, Rome, Italy; 3General surgery and liver transplantation, Modena University Hospital, Italy; 4General surgery and Liver Transplantation, S. Orsola University Hospital, Bologna, Italy; 5General Surgery and Liver Transplantation, Verona Hospital, Italy; 6General surgery and Liver Transplantation, Udine University Hospital, Italy; 7General surgery and liver transplantation, Bari University Hospital, Italy; 8Gastroenterology, Hepatology and Transplantology, Papa Giovanni XXIII Hospital, Bergamo, Italy; 9General Surgery and Liver transplantation, University of Padua Medical School Hospital, Italy

16.49 **OS168**
CONVERSION TO EVEROLIMUS (EVL) AFTER LIVER TRANSPLANTATION (LT) IN THE REAL LIFE: LONGTERM DATA FROM THE EVEROLIVER MULTICENTER OBSERVATIONAL FRENCH REGISTRY
Faouzi SALBA; Sébastien Dharancy; Ephrem Salamé; Daniel Eyraud; Filoména Conti; Sylvie Radenne; Jean Guguenheim; Martine Neau-Cransac; Christophe Duvoux; Teresa Antonini; Olivier Guillaud; Eleonora De Martin; Guillaume Lasailly; Sylvie Tresson; Valérie Delvart; Audrey Coilly; Didier Samuel; Yvon Calmus; Jérome Dumortier
1APHP Hopital Paul Brousse, France; 2CHU Lille, France; 3CHU Tours, France; 4CHU Pitié Salpêtrière, France; 5Lyon Croix Rousse, France; 6CHU Nice, France; 7CHU Bordeaux, France; 8CHU Mondor, France; 9CHU Lyon Edouard-Herriot, France
16.00 – 17.00 Brief oral sessions

16.00 **BOS16 Extending liver donation**

**Chair(s):** Nicolas Meurisse, Liege, Belgium

**BOS20**

**THE USE OF OCTOGENARIAN DONORS FOR LIVER TRANSPLANT**

Giacomo Zanus¹, Alessandra Bertacco¹, Enrico Dalla Bona¹, Francesco D’Amico¹, Alessandro Vitalé², Enrico Gringeri¹, Domenico Bassi¹, Riccardo Boetto¹, Marina Polacco¹, Michela Di Giunta¹, Paolo Feltracco², Massimo Rugge³, Patrizia Burra³, Paolo Angelí³, Umberto Collo³

¹Department of Surgery, Oncology and Gastroenterology, Hepatobiliary Surgery and Liver Transplantation, Italy; ²Section of Anaesthesia and Intensive Care Medicine, Department of Medicine, Padua University Hospital, Italy; ³Department of Medicine DIMED Pathology and Cytopathology Unit, Padua University, Italy

16.04 **BOS21**

**“NON TOUCH” VENA CAVA TECHNIQUE AS AN IMPROVEMENT IN COMBINED LUNG AND ABDOMINAL ORGANS PROCUREMENT IN DONATION AFTER CIRCULATORY DEATH (DCD) MASTRICHT III**

Mireia Caralt; Irene Bello; Alberto Sandiumenge; Cristina Dopazo; Elizabeth Pando; José Andrés Molino; José Luis Lazaro; Itxarone Bilbao; Teresa Pont; Joan Solé; Ramon Charco

16.08 **BOS212**

**ANALYSIS OF REJECTED LIVER ALLOGRAFTS IN FINLAND - THE ROLE OF GLUTAMYLTRANSFERASE AS A PREDICTOR OF GRAFT STEATOSIS**

Johanna Savikko; Fredrik Åberg; Eija Tukiainen; Arno Nordin; Heikki Mäkisalo; Helena Isoniemi

Helsinki University Hospital, Finland

16.12 **BOS213**

**SPLIT-LIVER PROGRAM, THE NEW ALLOCATION SYSTEM IN ITALY: THE RESULTS OF FIRST YEAR ACTIVITY**

Silvia Trapani; Lucia Rizzato; Francesca Puoti; Vincenzo Morabito; Daniela Pentore; Alessandra Olivetti; Pamela Fiaschetti; Antonino Montemurro; Andrea Rizzo; Alessandro Nanni Costa

Italian National Transplant Centre - Italian Institute of Health, Italy

16.16 **BOS214**

**CHANGING PARADIGM: DONORS AFTER SUCCESSFUL TREATMENT OF HEPATITIS C VIRUS (HCV) INFECTION CAN BE A NEW SAFE DONOR SOURCE FOR NEGATIVE HCV RECIPIENT**

Camino Rodriguez-Villar¹, David Paredes¹, Rosana Gelpi¹; Rebeca Roque¹; Angel Ruiz¹; Xavier Forns²; Jordi Colmenero²; Miguel Navasa²; Erika de Sousa²; Ignacio Revuelta²; Ramon Adalia¹; Fritz Diekmann²

¹Seccion Donacion y Coordinacion de Trasplante/Hospital Clinic de Barcelona, Spain; ²Hospital Clinic de Barcelona, Spain

16.20 **BOS215**

**INSTITUTIONAL EXPERIENCE OF SPLIT LIVER TRANSPLANTATION AT ASAN MEDICAL CENTER**

Eun-kyoung Jwa¹; Shin Hwang²; Jae-Hyun Kwon²; Gil-Chun Park²

¹Asan Medical Center University of Ulsan College of Medicine, Korea, Democratic People’s Republic of; ²Asan medical center, Korea, Democratic People’s Republic of

16.24 **BOS216**

**OLDER DONORS FOR OLDER RECIPIENTS IN LIVER TRANSPLANTATION: A SAFE STRATEGY?**

Nicholas Gilbo¹; Chris Verslype²; Wim Laleman²; Schalk van der Merwe²; David Cassiman²; Frederik Nevens¹; Mauricio Sainz-Barriga²; Ina Jochmans¹; Jacques Pirenne²; Diethard Monbaliu²

¹Abdominal Transplantation Surgery - University Hospitals Leuven, Belgium; ²University Hospitals of Leuven, Belgium
16.28 BOS217 ANALYSIS OF INDICATIONS AND SURVIVAL IN THE LIVER RETRASPLANT
Carla Garcia
Hospital Universitario Virgen del Rocío, Spain

16.32 BOS218 RETROSPECTIVE ET-DRI SCORING IN A HIGH VOLUME LIVER TRANSPLANT CENTRE
Hannah Esser; Beatriz Mutschlechner; Benno Cardini; Rupert Oberhuber; Christian Margreiter; Thomas Resch; Dietmar Öfner; Stefan Schneeberger; Manuel Maglione
Department of Visceral, Transplant, and Thoracic Surgery, Medical University Innsbruck, Austria

16.36 BOS219 PROGNOSTIC FACTOR FOR LIVER RE-TRANSPLANTATION: ANALYSIS OF A SINGLE-CENTER EXPERIENCE IN JAPAN
Shintaro Yagi; Toshimi Kaido; Masakatsu Kaneshiro; Yao Siyuan; Taku Iida; Yuki Masano; Yuhei Hamaguchi; Takayuki Anazawa; Atsushi Yoshizawa; Koichiro Hata; Naoko Kamo; Kojiro Taura; Hideaki Okajima; Shinji Uemoto
1Kyoto University, Japan; 2Kyoto University, Japan; 3Kyoto Prefectural University of Medicine, Japan

16.40 BOS220 OUTCOME OF LIVER TRANSPLANTATION FROM AGED DONORS >70 YR.
Eviatar Nesher; Sigal Aizner; Rachel Michowiz; Assaf Issachar; Michal Cohen; Amir Shlomai; Manius Braun; Eytan Mor
1Rabin Medical Center Beilinson Hospital, Israel; 2Rabin Medical Center, Beilinson Hospital, Israel

16.44 BOS221 LIVER TRANSPLANTATION IN PATIENTS >65 YEARS - ANALYSIS OF LONG-TERM CLINICAL OUTCOME
Dagmar Kollmann; Svenja Maschke; Susanne Rasoul-Rockenschaub; Michael Hofmann; Gerd Silberhumer; Georg Györı; Thomas Soliman; Gabriela Berlakovich
Medical University of Vienna, Division of Transplantation, Austria

16.00 –17.00 BOS17 Hepatitis C and other liver infections
Chair(s): Jan Lerut, Leuven, Belgium

16.00 BOS224 OUTCOME OF RENAL TRANSPLANTATION IN PATIENTS WITH HEPATITIS C AND HEPATITIS B COINFECTION
Nikolina Basic Jukic; Ivana Juric; Ljubica Bubic-Filipi; Vesna Furic-Cunko; Lea Katalinic; Marijana Gulin; Vesna Lovcic
1University Hospital Centre Zagreb, Croatia; 2General Hospital Sibenik, Croatia; 3General Hospital Bjelovar, Croatia

16.04 BOS225 BACTERIAL ENDOCARDITIS IN LIVER TRANSPLANT PATIENTS: A SERIES OF 8 CASES
Liliana Alves; João Machado; Rui Perdigoto; Helena Glória; Júlio Veloso; Ana Morbey; Milena Mendes; Elia Mateus; Américo Martins; Eduardo Barroso
Curry Cabral Hospital, Portugal

16.08 BOS226 EARLY POSTOPERATIVE INFECTIONS IN LIVER TRANSPLANTATION
Ebru Ayvazoglu Soy; Aydincan Akdur; Gokhan Moray; Sedat Yıldırım; Hande Arslan; Mehmet Haberal
1Department of Transplantation Surgery, Baskent University, Turkey; 2Department of Infectious Diseases, Baskent University, Turkey
16.12 BOS227
EARLY INFECTIONOUS Complications AND THE OUTCOME OF LIVING DONOR LIVER TRANSPLANTATION (LDLT)
Shaimaa Elkholy; Sherif Mogawer; Ula Al-jarhi; Samah Abd El-Hamid; Mostafa El-Shazli; Adel Hosny; Ahmed Nabil
Faculty of Medicine Cairo University, Egypt

16.16 BOS228
A RANDOMIZED, OPEN-LABEL, SINGLE-CENTER, PHASE II CLINICAL TRIAL TO EXPLORE THE SAFETY AND EFFICACY OF RECOMBINANT HEPATITIS B IMMUNOGLOBULIN
Gi-Won Song¹; Sung-Gyu Lee²; Shin Hwang²; Gil-Chun Park²; Yongkyu Chung²; Su-Min Ha³; Sang-Hyun Kang³; Hyoung Uk Lee³; Yun Hee Lee³; Jae-Hyun Kwon³; Eun-Kyung Jwa³; Hwui-Dong Cho³
¹Hepatobiliary Surgery and Liver Transplantation, Asan Medical Center, Republic of Korea; ²Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea

16.20 BOS229
TREATMENT OF HEPATITIS C IN KIDNEY TRANSPLANT RECIPIENTS WITH DIRECT-ACTING ANTIVIRAL AGENTS NEWLY AVAILABLE IN JAPAN - PRELIMINARY REPORT
Yusuke Yamada¹; Michio Nojima¹; Katsuhiko Nakagawa¹; Yoshitide Higuchi¹; Yasuo Ueda¹; Motohiro Taguchi¹; Oshima Koichi¹; Motohiro Shinkai¹; Yukako Nakanishi¹; Takahiko Hashimoto¹; Syuen Go¹; Eji Kishikawa¹; Kenji Nishimura¹; Akihiro Kanematsu¹; Yasuji Ichikawa¹; Shuhei Nishiguchi¹; Shingo Yamamoto¹
¹Department of Urology and Kidney Transplant Center, Hyogo College of Medicine, Japan; ²Department of Urology, Hyogo Prefectural Nishinomiya Hospital, Japan; ³Department of Urology, Chibune General Hospital, Japan; ⁴Department of Urology, Nishinomiya Municipal Central Hospital, Japan; ⁵Department of Urology, Joyo Ejiri Hospital, Japan; ⁶Department of Hepatology, Hyogo College of Medicine, Japan

16.24 BOS230
HEPATITIS C CORE ANTIGEN TESTING IS A RELIABLE METHOD TO MONITOR ALL-ORAL THERAPY IN LIVER TRANSPLANT RECIPIENTS
Malte H. Wehmeyer¹; Sven Pischke¹; Susanne Polywka¹; Melanie Lang¹; Björn Nashan¹; Ansgar Lohse¹; Martina Sterneck²
¹University Hospital Hamburg Eppendorf, Germany; ²University Hospital Hamburg Eppendorf, Germany

16.32 BOS232
PRE-EMPTIVE POST- LIVER TRANSPLANT (LT) HCV TREATMENT WITH DAAS: PROOF OF CONCEPT OF A PILOT STUDY
Luisa Pasulo¹; Chiara Mazzarelli¹; Claudia Iegri¹; Luciano De Carlis¹; Raffaella Viganò²; Francesca Donato²; Giorgio Rossi²; Alberto Zanetto²; Sara Shalaby³; Stefano Fagioli³; Luca Berti²
¹Division of of Gastroenterology, Hepatology and Transplantation,Papa Giovanni XXIII Hospital Bergamo, Italy; ²Division of Gastroenterology,Ca’ Granda Niguarda Hospital, Milan, Italy; ³Division of Surgery, Ca’ Granda Niguarda Hospital, Italy; ⁴Division of Gastroenterology,IRCSS Policlinico Milan, Italy; ⁵Surgery Department, IRCSS Policlinico Milano, Milan, Italy; ⁶Multivisceral Transplant Unit, University Hospital of Padua, Italy

16.36 BOS233
EFFICACY AND TOLERABILITY OF INTERFERON-FREE REGIMENS FOR HEPATITIS C TREATMENT IN KIDNEY TRANSPLANT RECIPIENTS: TWO YEARS OF EXPERIENCE
Joana Rocha¹; Carla Moreira¹; Andreia Campos¹; Sofia Cerqueira¹; Rui Castro¹; Sofia Pedroso¹; Manuela Almeida¹; Josefin Santos¹; Leonidio Dias¹; La Salete Martins¹; António Castro Henriques¹; Presa Ramos¹; Isabel Pedroto²; Teresa Morgado²; António Cabrita¹
¹Nephrology department, Centro Hospitalar do Porto, Portugal; ²Nephrology department, Centro Hospitalar de Trás-os-Montes e Alto Douro, Portugal; ³Hepatology department, Internal Medicine, Centro Hospitalar de Trás-os-Montes e Alto Douro, Portugal; ⁴Gastroenterology Department, Centro Hospitalar do Porto, Portugal
16.40 BOS234
IMMUNOSUPPRESSION THERAPY DURING TREATMENT OF CHRONIC HCV INFECTION WITH NEW ANTIVIRAL DRUGS IN LIVER AND KIDNEY TRANSPLANT RECIPIENTS
Joanna Musialik1; Aureliusz Kolonko1; Henryk Karkoszka1; Katarzyna Kwieceń1; Ewa Jędrusik2; Andrzej Więcek1
1Dept. of Nephrology, Transplantation and Internal Diseases, Medical University of Silesia in Katowic, Poland; 2Dept. of Instrumental Analysis, Div. of Statistics, Medical University of Silesia in Katowic, Poland

16.44 BOS235
SOFOSBUVIR-CONTAINING ANTIVIRAL TREATMENT FOR CHRONIC HEPATITIS C VIRUS INFECTION IN RENAL TRANSPLANT RECIPIENTS: A SINGLE-CENTER INITIAL EXPERIENCE
Jian Zhang; Jun Lin; Ye Tian
Beijing Friendship Hospital, Capital Medical University, China

16.48 BOS236
INFLUENCE OF DAA TREATMENT ON WAITLISTING AND TRANSPLANT RATE(TR) FOR HCV-RELATED LIVER DISEASE: PRELIMINARY RESULTS OF A SINGLE CENTER EXPERIENCE
Claudia Iegri1; Luisa Pasulo1; Anna Baldan1; Michele Colledan1; Maria Grazia Lucà1; Domenico Pinelli1; Arianna Ghirardi1; Stefano Fagioli1
1Division of Gastroenterology, Hepatology and Transplantation, Papa Giovanni XXIII Hospital, Bergamo, Italy; 2Department of Surgery, Papa Giovanni XXIII Hospital, Bergamo, Italy; 3FROM Foundation, Papa Giovanni XXIII Hospital, Bergamo, Italy

16.52 BOS237
EFFICACY AND SAFETY OF DIRECT ACTING ANTIVIRALS THERAPY IN HEPATITIS C REACTIVATION POST LIVER TRANSPLANTATION
Joanna Musialik1; Marta Wawrzynowicz-Syczewska1; Maciej Miarka3; Slawomir Rejowski3; Joanna Raszeja-Wyszonimier2; Henryk Karkoszka1; Katarzyna Rotter1; Krzysztof Simon1; Ewa Jędrusik5; Piotr Milkiewicz3; Andrzej Więcek1
1Dept. of Nephrology, Transplantation and Internal Diseases, Medical University of Silesia in Katowic, Poland; 2Dept. of Infectious Diseases, Hepatology and Liver Transplantation, Pomeranian Medical University in, Poland; 3Liver and Internal Medicine Unit, Dept.of General, Transplant and Liver Surgery, Medical University, Poland; 4Dept.of Infectious Diseases and Hepatology, Medical University in Wrocław, Poland; 5Dept. of Instrumental Analysis, Div. of Statistics, Medical University of Silesia in Katowic, Poland

16.00 - 17.00 BOS18
Metabolic and other complications: liver and kidney
CHAIR(S): Robert Öllinger, Berlin, Germany; Christophe Duvoux, Paris, Texas

16.00 BOS238
ROLE OF PARICALCITOL IN DEVELOPMENT OF DIABETES MELLITUS AFTER KIDNEY TRANSPLANTATION
Ivana Dedinska; Ľudovít Laca; Juraj Miklusica; Peter Galajda; Marián Mokáň
University Hospital in Martin and Jessenius Faculty of Medicine Comenius University, Slovakia

16.04 BOS239
SODIUM/GLUCOSE COTRANSPORTER 2 (SGLT2) INHIBITOR FOR DIABETIC KIDNEY TRANSPLANT (KT) PATIENTS
JIn Kong1; Chul Yoon2; Eun Whang2; Hyuk Kwon2; Sung Son2; Joon Jeong2
1Nephrology Division, Hanseo Hospital, Republic of Korea; 2Hanseo Hospital, Republic of Korea

16.08 BOS240
THE PREVALENCE AND PREDICTORS OF AORTIC ROOT DILATATION IN PATIENTS AFTER KIDNEY TRANSPLANTATION
Maciej Szymczak1; Marta Obremska1; Maria Boratyńska1; Dorota Zysko2; Marian Klinger1
1Department and Clinic of Nephrology and Transplantation Medicine, Wrocław Medical University, Poland; 2Department and Clinic of Cardiac Surgery, Wrocław Medical University, Poland; 3Department and Clinic of Emergency Medicine, Wrocław Medical University, Poland
16.12 **BOS241**

**THE EFFECT OF URIC ACID LEVELS ON SURVIVAL IN KIDNEY TRANSPLANT RECIPIENTS**

Shuo-Ming Ou\(^1\); Der-Cherng Tarng\(^2\)

\(^1\)Taipei Veterans General Hospital, Taiwan; \(^2\)Taipei Veterans General Hospital, Taiwan

16.16 **BOS242**

**HIGH LEVELS OF PARATHYROID HORMONE AFTER ONE MONTH OF RENAL TRANSPLANTATION ARE RELATED TO LONG TERM GRAFT LOSS**

Carlo Alfieri; Maria Teresa Gandolfo; Valentina Bindl; Donata Cresseri; Maria Rosaria Campise; Anna Regalia; Maria Meneghini; Evaldo Favi; Mariano Ferrareso; Piergiorgio Messa

*Kidney Transplantation Fondazione IRCCS Ca’ Granda Ospedale Maggiore Policlinico, Italy*

16.20 **BOS243**

**THE INCREASING CLINICAL BURDEN OF ACUTE KIDNEY INJURY IN NON RENAL SOLID ORGAN TRANSPLANT RECIPIENTS: A 15 YEAR RETROSPECTIVE ANALYSIS**

Vincenzo Cantaluppi; Alessandro Domenico Quercia; Sergio Dellepiane; Gabriele Guglielmetti; Marco Quaglia; Marta Mora; Umberto Morosini; Luigi Biancone

\(^1\)SCDU Nephrology and Renal Transplant Unit, University of Eastern Piedmont, AOU “Maggiore della Carit, Italy; \(^2\)A. Vercellone” Kidney Transplantation Unit and Centre for Experimental Medical Research (CeRMS), Un, Italy

16.24 **BOS244**

**PRE AND EARLY POST TRANSPLANT RISK FACTORS OF CARDIOVASCULAR EVENTS AFTER LIVER TRANSPLANTATION**

Lydia Sastre; Gonzalo Crespo; Raquel Garcia; Pablo Ruiz; Jordi Colmenero; Antoni Rimola; Miquel Navasa

Liver Unit, Hospital Clinic, Spain

16.28 **BOS245**

**PREDICTORS OF POST-TRANSPLANT SEVERE STEATOSIS IDENTIFIED BY FIBROSCAN WITH CONTROLLED ATTENUATION PARAMETER**

Speranta Iacob; Irinel Popescu; Liana Gheorghe

Fundeni Clinical Institute, Romania

16.32 **BOS246**

**MULTIPLE GENETIC VARIANTS ASSOCIATED WITH POST-TRANSPLANTATION DIABETES MELLITUS IN HAN CHINESE POPULATIONS**

Jie Chen; Xiaojuan Wu; Yamei Li; Yi Li; Bei Cai; Lanlan Wang

West China Hospital of Sichuan University, China

16.36 **BOS247**

**LIVER TRANSPLANTATION AMELIORATES ADIPONECTIN DISTURBANCES IN ALCOHOLIC LIVER CIRRHOSIS**

Iva Kosuta; Marijana Vučić Lovrenčić; Maro Dragičević; Anna Mrzljak

University Hospital Merkur Zagreb, Croatia

16.40 **BOS248**

**UNUSUAL ONSET OF DE-NOVO NEUROLOGIC DISTURBANCES IN WILSONIAN SIBLINGS AFTER ORTHOTOPIC LIVER TRANSPLANTATION: A CASE REPORT OF THREE SISTERS**

Mohsen Aliakbarian; Kambiz Akhavan Rezayat; Moslareza Hosseini; Fariba Tohidinezhad

 Mashhad University of Medical Sciences, Iran

16.44 **BOS249**

**ACUTE KIDNEY INJURY AFTER LIVER TRANSPLANTATION DOES NOT AFFECT PATIENT’S MORTALITY**

Park Hyung Woo; Eun Ae Byun; Yang Won Nah

Ulsan University Hospital, Republic of Korea

16.48 **BOS250**

**EXTENDED RIGHT LIVER GRAFT AND THE FATE OF SEGMENT IV: NO SPLIT DECISIONS**

Louis Onghena; Aude Vanlander; Frederik Berrevoet; Roberto Troisi

University of Ghent, Belgium
16.52 **BOS251**  CLINICAL SIGNIFICANCE OF LACTATE CLEARANCE FOR THE DEVELOPMENT OF EARLY ALLOGRAFT DYSFUNCTION AND SHORT TERM PROGNOSIS IN DECEASED DONOR LIVER TRANSPLANTATION

Deok Gie Kim; Jee Youn Lee; Su-kyung Kwon; Jae Geun Han; Dong Jin Joo; Man Ki Ju; Gi Hong Choi; Jin Sub Choi; Myoung Soo Kim; Soon Il Kim; Soo Jin Kim; Hyung Soon Lee; Jung Jun Lee

1Yonsei collage of medicine/Severance hospital, Republic of Korea; 2Yonsei College of Medicine/Severance Hospital, Republic of Korea; 3Yonsei College of Medicine/Gangnam Severance hospital, Republic of Korea; 4National Health Insurance Cooperation/Ilsan Hospital, Republic of Korea; 5CHA University/CHA Bundang Medical Center, Republic of Korea

16.00 **BOS19**  Pancreas/islet performance and results in pancreas transplantation

Chair(s): Chris Callaghan, London, United Kingdom; Nicolas Müller, Zurich, Switzerland

16.04 **BOS252**  OUTCOMES OF PANCREAS TRANSPLANTATION WITH DUODENO-DUODENAL ENTEROSTOMY AND ENDOSCOPIC SURVEILLANCE

Jørn-Petter Lindahl; Rune Horneland; Espen Nordheim; Anders Hartmann; Einar Martin Aandahl; Krzysztof Grzyb; Håkon Haugaa; Gisle Kjøsen; Anders Åsberg; Trond Jenssen

1Rikshospitalet, OUS, Norway; 2Rikshospitalet OUS, Norway

16.08 **BOS253**  A SINGLE-CENTRE EXPERIENCE OF DONATION AFTER CARDIAC DEATH PANCREAS TRANSPLANTATION

Jason Roberts; Mohammad Hossain; Gavin Pettigrew; Christopher Watson

Addenbrookes Hospital Transplant Surgery, United Kingdom

16.12 **BOS255**  SIXTEEN YEARS’ EXPERIENCE ON PANCREAS-KIDNEY TRANSPLANTATION - SEARCHING FOR FACTORS LEADING TO BETTER RESULTS

La Salete Martins; Isabel Fonseca; Joana Rocha; Carla Moreira; Leonidio Dias; Manuela Almeida; Sofia Pedrosa; Antonio C Henriques; José Davide; Antonio Cabrita

Hospital Santo Antonio, Portugal

16.16 **BOS256**  PREPROCUREMENT PANCREAS SUITABILITY SCORE AND DONOR AGE/BMI-BASED MODEL BUT NOT PANCREAS DONOR RISK INDEX PREDICT PANCREAS GRAFT SURVIVAL

Kaja Smigielska; Pawel Skrypek; Jacek Zaja; Tadeusz Grochowiecki; Jaroslaw Czerwinski; Wojciech Lisik; Marek Durlik; Robert Kröf; Slawomir Nazarewski; Maciej Kosieradzki

1Medical University of Warsaw, Poland; 2Dept. of General, Vascular and Transplantation Surgery, Medical University of Silesia, Poland; 3Dept. of General, Vascular and Transplantation Surgery, Medical University of Warsaw, Poland; 4Dept. of Surgical and Transplantation Nursing, Medical University of Warsaw, and POLTRANSPLANT, Poland; 5Dept. of General and Transplantation Surgery, Medical University of Warsaw, Poland; 6Dept. of Gastroenterological Surgery and Transplantation, and Mossakowski Medical Research Centre, P, Poland

16.20 **BOS257**  DECLINE IN PANCREAS TRANSPLANT INCIDENCE DESPITE AN IMPROVEMENT IN PATIENT AND GRAFT SURVIVALS: LONG-TERM FOLLOW-UP IN A LARGE VOLUME CENTER

Pedro Ventura-Aguiar; Joana Ferrer; M Angeles Garcia-Criado; Miram Cuatrecasas; Enric Esmatjes; Josep M Campistol; Federico Oppenheimer; Fritz Diekmann; Maria Jose Ricart

1Dept of Nephrology & Kidney Transplant, Hospital Clinic Barcelona, Spain; 2Dept of Surgery, Hospital Clinic Barcelona, Spain; 3Dept of Radiology, Hospital Clinic Barcelona, Spain; 4Dept of Pathology, Hospital Clinic Barcelona; 5Dept of Endocrinology, Hospital Clinic Barcelona, Spain
16.24 BOS258
EN BLOC SIMULTANEOUS PANCREAS AND KIDNEY COMPOSITE GRAFT TRANSPLANT WITH LIMITED VASCULAR ACCESS
Shin-E Wang
Taipei Veterans General Hospital, Taiwan

16.28 BOS259
PANCREAS TRANSPLANT AT TAIPEI VETERANS GENERAL HOSPITAL
Yi-Ming Shyr
Taipei Veterans General Hospital, Taiwan

16.32 BOS260
SIMULTANEOUS PANCREAS-KIDNEY TRANSPLANTATION FROM DONORS AFTER BRAIN DEATH (DBD) AND DONORS AFTER CARDIAC DEATH (DCD): A 30-YEAR FOLLOW-UP STUDY AT KAROLINSKA UNIVERSITY HOSPITAL
Kristina Alsabeah; Antonio Romano; Greg Nowak; Henrik Wilczek; Marie Tranång; Gunnar Söderdahl; Bo-Göran Ericzon
Department of Transplantation Surgery, Karolinska University Hospital, Huddinge, Sweden

16.36 BOS261
DOES DUODENO-DUODENAL ANASTOMOSIS OF PANCREAS TRANSPLANTS ALLOWS FOR REPRESENTATIVE ENDOSCOPIC ULTRASOUND- GUIDED BIOPSIES?
Espen Nordheim1; Rune Horneland2; Jørn Petter Lindahl3; Anders Hartmann4; Einar Martin Aandahl5; Krzysztof Goryb3; Lars Aabakkens5; Vemund Paulsen6; Knut Brabrand3; Dag Olav Dahle1; Karsten Midveldt1; Trond Geir Jenssen7
1Oslo University Hospital Rikshospitalet Department of Transplantation Medicine, Norway;
2Oslo University Hospital Rikshospitalet, Norway

16.40 BOS262
COMPARISON OF DIFFERENT MARKERS OF VASCULAR DAMAGE IN TYPE 1 DIABETIC PATIENTS WITH END-STAGE RENAL DISEASE AFTER SPK OR KTX
Jacek Ziaja1; Joanna Badura1; Jerzy Chudek2; Aureliusz Kolonko1; Dorota Kamińska1; Aleksander Owczarek3; Piotr Kuczer4; Agata Kujawa-Szewieczek1; Mariusz Kusztal4; Adrian Kowalik1; Dominika Bozek-Pajak1; Joanna Kluz5; Piotr Choreza5; Robert Król1; Marian Klinger1; Andrzej Wieczech1; Lech Cierpka1
1Department of General, Vascular and Transplant Surgery, Medical University of Silesia, Katowice, Poland; 2Department of Pathophysiology, Medical University of Silesia, Katowice, Poland; 3Department of Nephrology, Transpl. and Internal Medicine, Medical University of Silesia, Katowice, Poland; 4Department of Nephrology and Transplantation Medicine, Wroclaw Medical University, Wroclaw, Poland; 5Department of Statistics, Sosnowiec, Medical University of Silesia, Katowice, Poland; 6Department of Angiology, Hypertension and Diabetology, Wroclaw Medical University, Wroclaw, Poland

16.44 BOS263
DEVELOPMENT AND VALIDATION OF A PROGNOSTIC MODEL FOR KIDNEY FUNCTION ONE YEAR AFTER COMBINED PANCREAS AND KIDNEY TRANSPLANTATION
Alexander Kaltenborn1; Katharina Zorn1; Jill Gwiasda1; Benedikt Reichert2; Thomas Becker3; Felix Braun2; Jurgen Klemmpnauer2; Harald Schrem2
1Hannover Medical School, Germany; 2University Hospital Schleswigs-Holstein Kiel, Germany

16.48 BOS264
PANCREAS RETRANPLANTATION IS NOT ASSOCIATED WITH POOR GRAFT SURVIVAL AND COULD BE CONSIDERED FOR SELECTED PATIENTS WITH PRIMARY PANCREATIC ALLOGRAFT FAILURE
Paret Fanny; Cantarovich Diego; Guillot-Guegen Cecile; Batard Thomas; Branchereau Julien
CHU Nantes Hotel Dieu ITUN, France

16.52 BOS265
PANCREAS AND KIDNEY GRAFT SURVIVAL IN RECIPIENTS OLDER THAN 60Y AFTER SIMULTANEOUS PANCREAS AND KIDNEY TRANSPLANTATION
Peter Girman; Kvetoslav Lipar; Matej Kocik; Tomas Marada; Jiri Fronek; Frantisek Saudek
Institute for Clinical and Experimental Medicine (IKEM), Prague, Czech Republic
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<th>Time</th>
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<tr>
<td>16.00 - 18.00</td>
<td><strong>From learners to leaders and Campfire session</strong></td>
<td>Room 113</td>
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<td>16.00</td>
<td><strong>ESOT Education – ESOT Transplant Live &amp; Live Events</strong></td>
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<td><strong>CHAIRS:</strong> Frank Dor, London, United Kingdom</td>
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<td>Wojciech Polak, Rotterdam, The Netherlands</td>
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<td>16.10</td>
<td><strong>KEYNOTE</strong> Time is now – modern education</td>
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<td>William Plant, Cork, Ireland</td>
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<td>16.40</td>
<td><strong>From learners to leaders: introducing the Freudian Walk</strong></td>
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<td>O Captain My Captain – how the journey continues</td>
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<td>Luca Toti, Rome, Italy</td>
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<td>16.50</td>
<td><strong>A growing experience – Part I: keeping the balance</strong></td>
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<td>Maruska Nizzi, Milan, Italy</td>
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<td>17.00 - 18.00</td>
<td><strong>Transplant Education: the Campfire session</strong></td>
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<td>17.00</td>
<td><strong>Freudian Walk (3 crews / 3 topics about learning/communicating/sharing)</strong></td>
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<td><strong>Crew 1</strong> with captain Wojciech Polak, Rotterdam, The Netherlands</td>
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<td><strong>Crew 2</strong> with captain Jacopo Romagnoli, Rome, Italy</td>
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<td><strong>Crew 3</strong> with captain Luca Toti, Rome, Italy</td>
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<td>17.20</td>
<td><strong>A growing experience – Part II: tips and tricks from senior experts</strong></td>
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<td>Maruska Nizzi, Milan, Italy</td>
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<td>17.30</td>
<td><strong>Campfire Live (3 crews / 3 campfires)</strong></td>
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<td><strong>Crew 1</strong> mentored by captain Wojciech Polak, Rotterdam, The Netherlands</td>
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<td><strong>Crew 2</strong> mentored by captain Jacopo Romagnoli, Rome, Italy</td>
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<td><strong>Crew 3</strong> mentored by captain Luca Toti, Rome, Italy</td>
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<td>17.50</td>
<td><strong>Sharing is caring – a ‘post’ to the leaders</strong></td>
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<td>Maruska Nizzi, Milan, Italy</td>
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<td>Luca Toti, Rome, Italy</td>
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17.05 – 18.00 Elevator Pitch session 3

17.05 – 18.05 EPS03 Kidney

**CHAI R(S):** Pietro Cippà, Los Angeles, United States; Arne Neyrinck, Leuven, Belgium

**EP025**

**WHOLE SLIDE IMAGES MORPHOMETRY OF THE GLOMERULI, INCLUDING CHRONIC CHANGES IN SUBSEQUENT BIOPSIES FROM TRANSPLANTED KIDNEY RECIPIENTS**

Robert Swider1; Agnieszka Perkowska-Plasinska2; Anna Stachurska2; Jadwiga Fabijanska-Mitek2; Radoslaw Zagozdzon3; Marcin Poterski3; Jakub Golab3; Slawomir Gruc3; Magdalena Durlik1

1Warsaw Medical University, Department of Transplantation Medicine, Nephrology and Internal Medicine, Poland; 2Medical Centre for Postgraduate Education, Department of Immunohematology, Poland; 3Warsaw Medical University, Department of Immunology, Poland

17.06 **EP026**

**RENAL TRANSPLANTATION IN A PATIENT WITH ATYPICAL HEMOLYTIC UREMICS SYNDROME CAUSED BY A RARE SYNONYMOUS VARIATION R381R OF COMPLEMENT FACTOR B**

Nikolina Basic Jukic; Marijana Coric; Bruna Brunetta-Gavranic; Petar Kes

University Hospital Centre Zagreb, Croatia

17.07 **EP027**

**LIVE TISSUE STAINING AS A NEW PREDICTING CLINICAL TOOL IN ORGAN TRANSPLANTATION**

Annemarie Weissenbacher1; Martin Hermann1; Dietmar Oefner2; Stefan Schneeberger2; Rupert Oberhuber2

1Oxford Transplant Centre Nuffield Department of Surgical Sciences, United Kingdom; 2Department of Visceral, Transplant and Thoracic Surgery, Innsbruck Medical University, Austria

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**The Devil’s Advocate:**

*a moderated controversy in basic science*

**The creators view**

The format of this session will be the presentation of the article by the author followed by a critical discussion by the ‘opponent’ and a rebuttal and general discussion with the audience. It will be a highly interactive session.

**CREATED BY:** Olivier Thaunat, Lyon, France

**Thomas Wekerle, Vienna, Austria**

**CHAIRS:** Christine Falk, Hannover, Germany

Thomas Wekerle, Vienna, Austria

**Case 1. New insights in the priming of recipient’s immune system**

Donor dendritic cell-derived exosomes promote allograft-targeting immune response


17.05 Defender: Adrian Morelli, Pittsburgh, United States

17.15 Opponent: Gavin Pettigrew, Cambridge, United Kingdom

17.25 Discussion

**Case 2. Impact of microbiota on transplantation outcomes**

The composition of the microbiota modulates allograft rejection


17.35 Defender: Maria Luisa Alegre, Chicago, United States

17.45 Opponent: Heinz Zoller, Innsbruck, Austria

18.55 Discussion

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**18th CONGRESS OF THE EUROPEAN SOCIETY FOR ORGAN TRANSPLANTATION · 24-27 SEPTEMBER 2017 · BARCELONA · SPAIN**
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<tr>
<td>17.08</td>
<td>EP029</td>
<td>TREATING BORDERLINE INFILTRATES WITH CORTICOID BOLUS: DOES IT MAKE SENSE?</td>
<td>Carme Facundo; Cristina Canal; Nuria Serra; Irene Silva; Beatriz Bardaji; Yolanda Arce; Nadia Ayasreh; Iara Da Silva; Jose Ballarin; Lluis Guirado</td>
<td>Fundació Puigvert, Spain</td>
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<td>17.09</td>
<td>EP030</td>
<td>EVEROLIMUS (EVE) ASSOCIATED TO TACROLIMUS (TAC) IN RENAL TRANSPLANT RECIPIENTS AS IMMUNOSUPPRESSION TREATMENT</td>
<td>Manuel Rengel; Soraya Abad; Almudena Vega; Úrsula Verdalles; Eduardo Verde</td>
<td>Hospital General Universitario Gregorio Marañón, Spain</td>
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<td>17.10</td>
<td>EP031</td>
<td>TRANSPLANT RENAL ARTERY STENOSIS: CAN WE ACCURATELY IDENTIFY PATIENTS AT RISK?</td>
<td>Harkiran Sran; Azhar Hussain; Ben Lindsey; Colin Forman; Bimbi Fernando; Ammar Al-Midani; Neal Banga</td>
<td>Royal Free Hospital, London, United Kingdom</td>
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<td>17.11</td>
<td>EP032</td>
<td>NOVEL 3D PRINTED SIMULATION TRAINING TOOL FOR ROBOTIC ASSISTED KIDNEY TRANSPLANTATION</td>
<td>Raphael Uwechue; Pankaj Chandak; Kamran Ahmed; Petrut Gogalniceanu; Jonathon Olsburgh; Nizam Mamode; Nicos Kessaris; Ioannis Loukopoulos</td>
<td>Guy’s and St Thomas’ NHS trust, United Kingdom</td>
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<td>17.12</td>
<td>EP033</td>
<td>NON-ANTIGEN-SPECIFIC IMMUNOADSORPTION DOES NOT REDUCE COST OF ABO-INCOMPATIBLE LIVING DONOR KIDNEY TRANSPLANTATION</td>
<td>Helena Genberg; Jarmo Henriksson; Jonas Axelson; Lars Wennberg</td>
<td>Department of Transplantation Surgery, Karolinska University Hospital, Sweden; Centre for Apheresis and Stem Cell Processing, Karolinska University Hospital, Sweden</td>
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<td>17.13</td>
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<td>200 UNILATERAL DUAL KIDNEY TRANSPLANTATION (UDKT) FROM EXPANDED CRITERIA DONORS (ECD): TECHNICAL ASPECTS AND LONG TERM FOLLOW-UP</td>
<td>Cristina Silvestre; Flavia Neri; Francesco Tuci; Caterina Di Bella; Nicola Baldan; Francesco Marchini; Lucrezia Furian; Paolo Rigotti</td>
<td>Kidney and Pancreas Transplantation Unit - Department of Surgical, Oncological and Gastroenterologic, Italy; 3rd General Surgery Unit - Department of Surgical, Oncological and Gastroenterological Sciences, Uni, Italy; Nephrology Unit - University of Padua, Italy</td>
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<td>17.14</td>
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<td>HLA-SENSITIZED KIDNEY TRANSPLANT RECIPIENTS RECEIVING RITUXIMAB AND INTRAVENOUS IMMUNOGLOBULIN AS PART OF INDUCTION THERAPY: A SINGLE CENTER EIGHT-YEAR EXPERIENCE</td>
<td>Sara Querido; Teresa Adragão; Rita Birne; Patrícia Matias; Célia Nascimento; Crisitina Jorge; André Weigert; Margarida Bruges; Domingos Machado</td>
<td>Hospital de Santa Cruz, Portugal</td>
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<td>17.15</td>
<td>EP036</td>
<td>LONG TERM 5 YEARS BENEFITS OF BELATACEPT IN KIDNEY TRANSPLANTATION: A SYSTEMIC META-ANALYSIS</td>
<td>Kumar Jayant; Isabella Reccia; Tomokazu Kusano</td>
<td>Imperial Collège London, United Kingdom</td>
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**17.05 – 18.05**  **Full oral sessions**

**17.05 – 18.05**  **OS19 New strategies in organ preservation**  
Chair(s): Henri Leuvenink, Groningen, The Netherlands; Gabriel Oniscu, Edinburgh, United Kingdom

**17.05**  **OS169**  
**Exposure to argon at ex vivo stage protects rat DCD renal allograft against ischemic-hypothermic injury**  
Hailin Zhao¹; Daqing Ma²; Azeem Alam²  
¹Imperial College London, United Kingdom; ²Anaesthetics, Pain Medicine and Intensive Care, Department of Surgery and Cancer, Faculty of Medicine, United Kingdom

**17.12**  **OS170**  
**Protective effect of nitric oxide releasing nanofiber in rat model of renal ischemia-reperfusion injury**  
Jin Su Kang¹; Hyung Joon Ahn¹; Su Woong Jung¹; Eun Ji Park¹; Tae Won Lee¹; Chun Gyoo Ihm¹; Sang Ho Lee²; Ju-Young Moon²; Yang Gun Kim²; Kyung Hwan Jeong³; Yu Ho Lee³  
¹Kyung Hee University Medical Center, Republic of Korea; ²Kyung Hee University Hospital at Gangdong, Republic of Korea; ³Kyung Hee University Hospital at Gangdong, Korea, Democratic People’s Republic of

**17.19**  **OS171**  
**Older DCD kidneys have excellent outcome modified by the use of machine perfusion and the incidence of rejection**  
Argiris Asderakis¹; Paola Donato²; Rana Tahawa³; Usman Khalid⁴; Laszlo Szabo⁴; Elijah Ablorsu⁴  
¹Cardiff Transplant Unit, University Hospital of Wales, United Kingdom; ²Padua Transplant Unit, Italy; ³Cardiff Transplant Unit, United Kingdom; ⁴Cardiff Transplant Unit, University Hospital of Wales, United Kingdom

**17.26**  **OS172**  
**Predictive factors for non-viable renal grafts from uncontrolled donors after cardiac death**  
Natividad Calvo Romero¹; Isabel Perez Flores²; Marta Calvo Arevalo²; María Ángeles Moreno de la Figuera²; Amir Shabaka²; Ángel Gómez³; Jesús Blazquez³; Angel Gómez Vegas³; Jesus Moreno Sierra²; Francisco Del Rio²; Ana Sanchez Fructuoso²  
¹Hospital Clinico San Carlos, Spain; ²Hospital Clinico San Carlos, Spain; ³Hospital Clinico San Carlos, Spain

**17.33**  **OS173**  
**Reconditioning and evaluation of ischemically damaged cold stored kidneys in a porcine autotransplant model by controlled oxygenated rewarming (COR)**  
Anja Gallinat; Jing Lu; Charlotte von Horn; Moritz Kath; Andreas Paul; Thomas Minor  
University Hospital Essen, Germany

**17.40**  **OS174**  
**Does solution viscosity really matter in organ preservation?**  
Catherine Boffa¹; Fenna van de Leemkolk¹; Letizia Lo Faro²; Joshua Owen²; Srikanth Reddy³; Nils ‘t Hart³; Henri Leuvenink³; Edward Sharples³; Rutger Ploeg³  
¹Oxford Transplant Unit, United Kingdom; ²Nuffield Department of Surgical Sciences, United Kingdom; ³Institute of Biomedical Engineering, University of Oxford, United Kingdom; ⁴University of Groningen, The Netherlands
OS175
COMPARISON OF 4 PRESERVATION SOLUTIONS IN LIVER TRANSPLANTATION. A MULTICENTER FRENCH REGISTRY STUDY
Eric Savier1; Raffaele Brustia1; Florence Jeune1; Daniel Cherqui2; Karim Boudjema3; Olivier Soubrae4; Philippe Bachelier5; Francis Navarro6; Jean-Christophe Vaillant7; Yves Patrice Le Treut8; Daniel Azoulay9; Mircea Chirica9; Emmanuel Boleslawski10; Ephrem Salame11; Jean Yves Mabrut12; Bertrand Suc13; Laurence Chiche14; Fabiano Perdiggio15; Andrea Mulliri16; Jean Guguenheim17; Alain Lachaux18; Emmanuel Buc19; Sophie Blanchereau20; Christophe Chardot21; Bruno Heyd22; Alain Mallet23; Jean-Louis Golmard23; Olivier Scatton1
1CHU Pitié Salpêtrière, Assistance Publique – Hôpitaux de Paris (AP HP), France; 2Hopital Paul Brousse, AP HP, Villejuif, France; 3CHU Pontchaillou, Rennes, France; 4Hopital Beaujon, AP HP, Clichy, France; 5Hopital de Hautepierre, Strasbourg, France; 6Hopital Saint Eloi, CHU montpellier, France; 7Hopital de la Conception, APHM, Marseille, France; 8Hopital Henri Mondor, AP HP, Creteil, France; 9Hopital Nord Albert-Michallon, CHU de Grenoble, France; 10Hopital Claude Huriez, CHU de Lille, France; 11CHRU Trousseau Chambray, Tours, France; 12Hopital de la Croix Rousse, Lyon, France; 13Hopital de Rangueil, CHU de Toulouse, France; 14Groupe hospitalier Pellerin, CHU de Bordeaux, France; 15CHU Saint Antoine, AP HP, Paris, France; 16CHU de Caen, France; 17Hopital de L’archet, CHU de Nice, France; 18Hopital Femme Mere Enfant, BRON, France; 19CHU Estaing, CLERMONT FERRAND, France; 20Hopital Bicetre, AP HP, LE KREMLIN BICETRE, France; 21Hopital Necker Enfant Malade, AP HP, Paris, France; 22CHU Jean Minjoz, Besancon, France; 23Unité de Recherche clinique et Biostatistiques, CHU Pitié Salpêtrière, AP HP, France

OS176
SUCCINATE ACCUMULATION DURING WARM ISCHAEMIA IS MUCH GREATER THAN COLD ISCHAEMIA IN MOUSE, PIG AND MAN: MECHANISTIC AND THERAPEUTIC IMPLICATIONS FOR TRANSPLANT ISCHAEMIA-REPERFUSION INJURY
Jack Martin1; Ana Costa2; Anja Gruszczyk3; Mazin Hamad1; Andrew James3; Nikitas Georgakopoul1; Gavin Pettigrew4; Christian Frezza5; Mike Murphy5; Kourosh Saeb-Parsy1
1Department of Surgery, University of Cambridge, Cambridge, UK, United Kingdom; 2Hutchinson/MRC Research Centre, Cambridge, United Kingdom; 3MBU, MRC/Wellcome Building, Cambridge, United Kingdom

OS20  Adherence, risks stratification and consequences in kidney transplantation
CHAIR(S): Fabienne Dobbels, Leuven, Belgium; Paolo Rigotti, Padova, Italy

OS177
PSYCHOSOCIAL LONG-TERM IMPACT OF DONATION ON KIDNEY LIVING DONORS – A COMPARATIVE STUDY OF TWO MAJOR EUROPEAN TRANSPLANT CENTRES
Christina Papachristou1; Xavier Torres2; Ana Menjivar3; Fritz Diekmann4; Ignacio Revuelta5; Marti Manyalich6; David Paredes7; Fabian Halleck8; Klemens Budde9; Thomas Schachtner9; Petra Reinke10; Entela Kondo11
1Charité-Universitätsmedizin Berlin, Germany; 2Hospital Clinic of Barcelona, Spain; 3Charité – University Medicine Berlin, Germany

OS178
PRESCRIBED MEDICATIONS, ADHERENCE AND SMARTPHONE USE IN KIDNEY TRANSPLANT RECIPIENTS: EVALUATING THE POTENTIAL OF A MOBILE APP TO ENHANCE MEDICATION ADHERENCE
Fabian Halleck; Sebastian Georgi; Dmytro Khadzhynov; Lukas Lehner; Eva Schrezenmeier; Michael Durr; Danilo Schmidt; Klemens Budde; Oliver Staeck
Department of Nephrology, Charité University Medicine Berlin, Germany

OS179
TOTAL ONCE DAILY MEDICATION REGIMEN RESULTS IN LOW REJECTION AND TRANSPLANT FAILURE RATE IN HIGH RISK YOUNG ADULT KIDNEY TRANSPLANT RECIPIENTS
Paul Harden; Daley Cross; Andrea Deveney; Nikki Bandler; Peter Friend
Oxford Transplant Centre, United Kingdom
17.26 **OS180**
THE DGF RISK SCORE HAS INSUFFICIENT PREDICTIVE VALUE FOR RENAL GRAFTS RECOVERED FROM OLDER DECEASED DONORS

*Cyril Moers*; *Cynthia Konijn*; *Henri Leuvenink*; *Andries Hoitsma*

1University Medical Center Groningen, The Netherlands; 2Dutch Transplantation Foundation, The Netherlands

17.33 **OS181**
INTRA-OPERATIVE FLUID RESTRICTION IN KIDNEY TRANSPLANTATION IS AN INDEPENDENT RISK FACTOR FOR FUNCTIONAL DELAYED GRAFT FUNCTION IN LIVING DONOR KIDNEY TRANSPLANTATION

*Gertrude Nieuwenhuijs-Moeke*; *Tobias Huijnk*; *Robert Pol*; *Mostafa El Moumni*; *Michel Struys*; *Stefan Berger*

University Medical Center Groningen, The Netherlands

17.40 **OS182**
PROSPECTIVE COMPARISON BETWEEN DCE-MR RENOGRAPHY AND 99MTC-DTPA SPECT RENOGRAPHY TO DETERMINE GFR IN TRANSPLANTED KIDNEY

*Jun Tao*; *Zhi-Jian Han*; *Xiao-Bin Ju*; *Li Sun*; *Wan-Li Zhou*; *Hao Chen*; *Shuang Fei*; *Yu-Dong Zhang*; *Ruo-Yun Tan*; *Min Gu*

The First Affiliated Hospital of Nanjing Medical University, China

17.47 **OS183**
PROSPECTIVE COMPARISON OF EQUATIONS BASED ON CREATININE AND CYSTATIN C FOR THE GLOMERULAR FILTRATION RATE ESTIMATION IN CHINESE RENAL TRANSPLANT RECIPIENTS

*Jun Tao*; *Zhi-Jian Han*; *Xiao-Bin Ju*; *Li Sun*; *Zhi-Wang Tang*; *Hao Chen*; *Shuang Fei*; *Yu-Dong Zhang*; *Ruo-Yun Tan*; *Min Gu*

The First Affiliated Hospital of Nanjing Medical University, China

17.54 **OS184**
ESTIMATED GFR IN OLDER KIDNEY TRANSPLANT RECIPIENTS

*Kristian Heldal*; *Karsten Midtvedt*; *Anders Hartmann*; *Anna V Reisæter*; *Anders Åsberg*

1Telemark Hospital Trust AND Department of Transplantation Medicine Oslo University Hospital, Norway;
2Department of Transplantation Medicine, Oslo University Hospital, Norway

17.05 – 18.05 **OS21**
The new age in liver transplantation

*Chair(s):* Marina Berenguer, Valencia, Spain

17.05 **OS185**
LANDSCAPE OF THE UNITED STATES LIVER TRANSPLANTATION

*Subhashini Ayloo*; *Jacob Schwartzman*

Rutgers University – New Jersey Medical School, United States

17.12 **OS186**
DESCRIPTION OF BODY WEIGHT PARAMETERS UP TO 3 YEARS AFTER SOLID ORGAN TRANSPLANTATION: THE PROSPECTIVE SWISS TRANSPLANT COHORT STUDY

*Sonja Beckmann*; *Natasa Nikolic*; *Kris Denhaerynck*; *Isabelle Binet*; *Michael Koller*; *Elsa Boely*; *Sabina De Geest*

1University of Basel, Switzerland; 2University Hospital Zurich, Switzerland; 3Cantonal Hospital St Gallen, St Gallen, Switzerland; 4University Hospital Basel, Switzerland; 5University Hospital of Geneva, Switzerland

17.19 **OS187**
LOW SKELETAL MUSCLE MASS IS ASSOCIATED WITH INCREASED HOSPITAL COSTS IN PATIENTS WITH CIRRHOSIS LISTED FOR LIVER TRANSPLANTATION

*Jeroen van Vugt*; *Stefan Buettner*; *Louise Alferink*; *Niek Bossche*; *Ron de Bruin*; *Sarwa Darwish Murad*; *Wojciech Polak*; *Herold Metselaar*; *Jan IJzermans*

Ersamus MC University Medical Center, The Netherlands
17.26  **OS188**  
OUTCOME OF LIVER TRANSPLANTATION FOR HEPATITIS A VIRUS RELATED ACUTE LIVER FAILURE: COMPARATIVE STUDY WITH HEPATITIS B VIRUS RELATED ACUTE LIVER FAILURE IN ADULT RECIPIENTS  
Dong-Hwan Jung; Shin Hwang; Ki-Hun Kim; Chul-Soo Ahn; Deok-Bog Moon; Tae-Yong Ha; Gi-Won Song; Gil-Chun Park; Sung-Gyu Lee; Jae-Hyun Kwon  
Asan Medical Center University of Ulsan College of Medicine, Republic of Korea

17.33  **OS189**  
FEMALE GENDER AND HYPERFILTRATION: INDEPENDENT PREDICTORS OF ACUTE KIDNEY INJURY AFTER LIVER TRANSPLANTATION  
Francesca Tinti; Fabio Melandro; Ilaria Umbro; Federica Fiacco; Edoardo Poli; Assunta Zavatto; Andrea Cappoli; Stefano Gianinni Corradini; Pasquale Bartolomeo Berloco; Massimo Rossi; Anna Paola Mitterhofer; Anna Paola Mitterhofer  
Sapienza University of Rome, Italy

17.40  **OS190**  
ASSESSMENT OF THE EFFICIENCY OF ALBUMIN DIALYSIS WITH THE “PROMETHEUS” SYSTEM IN THE TREATMENT OF PATIENTS WITH ACUTE-ON-CHRONIC LIVER FAILURE  
Marcin Kotulski; Waldemar Patkowski; Mariusz Grodzicki; Krzysztof Zieniewicz  
Department of General Transplant and Liver Surgery, Poland

17.47  **OS191**  
THE PROGNOSTIC VALUES OF SCORING SYSTEMS FOLLOWING LIVER TRANSPLANTATION  
Özlem Çakın¹; Hakan Parlak²; Ayça Gümüş³; Bülent Aydınıl³; Melike Cengiz⁴; Murat Yılmaz⁵; Atilla Ramazanoglu⁶  
¹Akdeniz University Hospita, Anesthesiology ICU Department, Turkey; ²Akdeniz University Hospital Anesthesiology ICU Department, Turkey; ³2Akdeniz Universty Hospital, Organ Transplantation Center, Antalya, Turkey

17.54  **OS192**  
HIGH SENSITIVITY AND SPECIFICITY OF PHOSPHATIDYLETHANOL FOR DETECTION OF ALCOHOL CONSUMPTION IN THE TRANSPLANT SETTING  
Martina Sterneck¹; Yannick Beres¹; Sven Pischke²; Wolfgang Weinmann²; Alexandra Schröck³; Alexander Müller³; Gisela Skopp³; Björn Nashan³; Hilke Andresen²  
¹Univierstiy Hospital Hamburg Eppendorf, Germany; ²University Hospital Hamburg Eppendorf, Germany; ³University of Bern, Switzerland; ⁴University Medical Center Heidelberg, Germany

17.05 – 18.05  **OS22**  
Lessons learnt in donation after circulatory death  
Chair(S): Lorna Marson, Edinburgh, United Kingdom; Luuk Hilbrands, Nijmegen, The Netherlands

17.05  **OS193**  
LESSONS LEARNED FROM THE CLINICAL USE OF NORMOTHERMIC REGIONAL PERFUSION (NRP) IN UNCONTROLLED DONATION AFTER CIRCULATORY DEATH (UDCD)  
Corinne Antoine¹; Emilie Savoye²; F Gaudez; Gaelle Cheisson³; Lionel Badet⁴; Michel Videcoq⁵; Benoit Barrou⁶  
¹agence de la biomedecine, France; ²Agence de biomédecine, France; ³CHU, France; ⁴CHU Bicetre, France; ⁵CHU Lyon, France; ⁶CHU Nantes, France; ⁷CHU La Pitié Salpêtrière Paris, France

17.12  **OS194**  
A PROLONGED AGONAL PHASE OF GREATER THAN 1 HOUR IN DONATION AFTER CARDIAC DEATH (DCD) KIDNEY TRANSPLANTATION DOES NOT IMPACT ON LONG-TERM DEATH CENSORED GRAFT SURVIVAL  
Kelly Jones; Veena Surendrakumar; Dominic Summers; Chris Watson; Gavin Pettigrew  
Cambridge University Hospitals NHS Foundation Trust, United Kingdom
17.19

OS195
WARM ISCHAEMIA TIME AFTER CARDIAC ARREST IS ASSOCIATED WITH GRAFT LOSS IN CIRCULATORY-DEAD DONOR KIDNEY TRANSPLANTATION: A EUROTRANSPLANT COHORT STUDY
Line Heylen1; Jacques Pirenne1; Undine Samuel1; Ineke Tieken1; Maarten Naesens1; Ina Jochmans1; Ben Sprangers1
1University Hospitals Leuven, Belgium; 2Eurotransplant, The Netherlands

17.26

OS196
SUCCESSFULL LONG TERM RENAL FUNCTION IN KIDNEY TRANSPLANTS FROM DECEASED CARDIAC DONORS AFTER 20 MINUTES OF CIRCULATORY ARREST
Eleonora Francesca Pattonieri1; Marilena Gregorini1; Valeria Corradetti1; Maria Antonietta Grignano1; Silvia Muciaccia1; Mauro Valente2; Edoardo La Porta2; Lucia Scaramuzza2; Gianluca Fasoli2; Massimo Abelli2; Elisa Ticozzelli2; Ilaria Benzioni2; Marinella Zanierato3; Teresa Rampino4
1Unit of Nephrology, Dialysis, Transplantation, PhD Experimental Medicine, IRCCS Policlinico San Matteo, Italy; 2Unit of Nephrology, Dialysis, Transplantation, IRCCS Policlinico San Matteo, University of Pavia, Italy; 3Unit of Nephrology, Dialysis, Transplantation, PhD Experimental Medicine IRCCS Policlinico San Matteo, Italy; 4Unit of Nephrology, Dialysis, Transplantation, IRCCS Policlinico San Matteo, University of Pavia, Italy; 5Unit of Nephrology, Dialysis, Transplantation, IRCCS Policlinico San Matteo, University of Pavia, Italy; 6Unit of General Surgery, IRCCS Policlinico San Matteo, Italy; 7Unit of General Surgery, IRCCS Policlinico San Matteo, Italy; 8Unit of Nephrology, Dialysis, Transplantation, Fondazione IRCCS Policlinico San Matteo, Italy; 9Unit of General Surgery, IRCCS Policlinico San Matteo, Italy; 10PhD Experimental Medicine, IRCCS Policlinico San Matteo, University of Pavia, Italy; 11PhD Experimental Medicine, IRCCS Policlinico San Matteo, Italy; 12Anaesthesia and Reanimation, IRCCS Policlinico San Matteo, Italy

17.33

OS197
DE NOVO SINGLE KIDNEY TRANSPLANTATION FROM MAASTRICHT CATEGORY III DONATION AFTER CIRCULATORY DEATH DONORS AGED 60 YEARS OR OVER: IS IT SAFE?
Evaldo Favi1; Carmelo Puliatti2; Mariano Ferraresi2; Samuele lesari3; Andrea Monaco2; Roberto Cacciola2
1Kidney Transplantation, Fondazione IRCCS Ca’ Granda, Ospedale Maggiore Policlinico, Italy; 2Kidney Transplantation, Barts Health NHS Trust, The Royal London Hospital, United Kingdom; 3Kidney Transplantation, Presidio Ospedaliero San Salvatore, Italy

17.40

OS198
SIMILAR MIDTERM OUTCOMES FOR RECIPIENTS OF KIDNEYS FROM MAASTRICHT CATEGORY III DONATION AFTER CARDIAC DEATH DONORS AND DONATION AFTER BRAIN DEATH DONORS: A SINGLE CENTRE PAIR MATCHED ANALYSIS
Evaldo Favi1; Carmelo Puliatti2; Mariano Ferraresi2; Samuele lesari3; Andrea Monaco2; Roberto Cacciola2
1Kidney Transplantation, Fondazione IRCCS Ca’ Granda, Ospedale Maggiore Policlinico, Italy; 2Kidney Transplantation, Barts Health NHS Trust, The Royal London Hospital, United Kingdom; 3Kidney Transplantation, Presidio Ospedaliero San Salvatore, Italy

17.47

OS199
A CASE FOR THE USE OF DCD KIDNEYS IN PAEDIATRIC RECIPIENTS: A META-ANALYSIS
Mohammad Farwana1; Zubir Ahmed2; Nicos Kessaris2; Nizam Mamode2
1King’s College London, United Kingdom; 2Guy’s and St Thomas’ NHS Foundation Trust, United Kingdom

17.54

OS200
KIDNEY TRANSPLANTATION FROM UNCONTROLLED DONORS AFTER CIRCULATORY DEATH: REAL-WORLD DATA FROM AN OBSERVATIONAL COHORT
Natividad Calvo Romero1; Isabel Pérez Flores2; Marta Calvo Arévalo2; Beatriz Rodriguez Cubillo2; Amir Shabaka2; Jesús Blázquez2; Angel Gómez Vegas2; Francisco José Del Río Gallegos2; Jesús Moreno Sierr2; Ana Isabel Sánchez Fructuoso2
1Hospital Clínico San Carlos, Spain; 2Hospital Clínico San Carlos, Spain
OS23  ABMR in kidney transplantation
Chair(s): Georg Böhmig, Vienna, Austria

OS201  DO WE KNOW HOW TO TREAT RESISTANT ANTIBODY-MEDIATED REJECTION EFFECTIVELY?
A SINGLE CENTRE EXPERIENCE
Janka Slatinska; Eva Honsova; Tomas Rohal; Petra Bohacova; Petra Hruba; Ondrej Vikicky
Institute for Clinical and Experimental Medicine, Czech Republic

OS202  IMPACT OF ANTIBODY-MEDIATED VASCULAR REJECTION ON KIDNEY ALLOGRAFTS:
HOW IMPORTANT IS PTC?
Beatriz Cubillo1; Natividad Calvo2; MARTA CALVO1; Maria Angeles Moreno1;
Isabel Perez Flores1; Alejandro Pascual1; Ana Isabel Sanchez-Fructuoso1
1Hospital Clinico San Carlos, Spain; 2Hospital Clinico San Carlos, Spain

OS203  DEVELOPMENT OF TRANSPLANT GLOMERULOPATHY IN RECIPIENTS WITH ANTIBODY
MEDIATED REJECTION: ACTIVATION OF INFLAMMATORY PATHWAY THROUGH RENAL POLY
(ADP-RIbose) POLYMERASE (PARP)
B. Handan Ozdemir; F. Nurhan Ozdemir; Esra Baskın; Gokhan Moray; Mehmet Haberal
Baskent University, Turkey

OS204  SUCCESSFUL KIDNEY TRANSPLANTATION IN RECIPIENTS WITH DONOR SPECIFIC HLA
ANTIBODIES
Anna Varberg Reisaeter1; Christina Dørje2; Geir Mjøen2; Christian Naper2; Karsten Midtvedt2;
Pål-Dag Line2; Anders Åsberg2
1Department of Transplantation Medicine, Oslo University Hospital, Norway; 2Department of
Transplantation Medicine Oslo University Hospital, Norway; 3Institute of Immunology, Oslo
University Hospital, Norway

OS205  ACCELERATED KIDNEY ALLOGRAFT ARTERIOSCLEROSIS: MAJOR ROLE OF DONOR-
SPECIFIC ANTI-HLA ANTIBODY STRENGTH AND COMPLEMENT-ACTIVATING CAPACITY
Denis Viglietti1; Alexandre Loupy1; Olivier Aubert1; Adriana Zeevi1; Carmen Lefaucheur1
1Paris Translational Research Center for Organ Transplantation, France; 2University of Pittsburgh
Medical Center, United States

OS206  C3D-BINDING ANTI-DQ IS ASSOCIATED WITH HIGH RISK FOR ABMR AND GRAFT FAILURE
IN STABLE KIDNEY TRANSPLANT RECIPIENTS
Dong Ryeol Lee; Byung Chang Kim; Jong Pho Kim; In Geun Kim; Mi Young Jeon
Maryknoll General Hospital, Republic of Korea

OS207  GENE EXPRESSION SIGNATURE OF SUBCLINICAL ALLOGRAFT KIDNEY ABMR COMPARED TO
CLINICAL ABMR
Olivier Aubert1; Carmen Lefaucheur1; Jean-Paul Duong Van Huyen1; Denis Viglietti1;
Philip Halloran1; Alexandre Loupy1
1Paris Translational Research Center for Organ Transplantation, France; 2ATAGC, Canada

OS208  CIRCULATING DONOR-SPECIFIC ANTI-HLA ANTIBODIES ACCELERATE THE PROGRESSION
OF INTERSTITIAL FIBROSIS IN KIDNEY ALLOGRAFTS
Clément Gosset; Denis Viglietti; Marion Rabant; Alexandre Loupy; Carmen Lefaucheur
Paris Translational Research Center for Organ Transplantation, France
17.05 – 18.05 **OS24** *Immunosuppression: clinical studies & patients at risk* 
**Chair(s):** Farsad Eskandary, Vienna, Austria; Edoardo Melilli, Barcelona, Spain

17.05 **OS209** 
**Impact of Antibody Induction Therapy on Kidney Graft Survival in Patients with Different Risk Factors**  
Caner Süsal; Christian Unterrainer  
University of Heidelberg, Germany

17.12 **OS210** 
Caner Süsal; Bernd Döhler  
University of Heidelberg, Germany

17.19 **OS211** 
**Clinical Pharmacology Study of a Novel Prolonged-release Formulation of Tacrolimus in Comparison to the Standard Once-daily Formulation in De Novo Kidney Transplant Recipients**  
Nassim Kamar; Elisabeth Cassuto; Giovanni Plotti; Mirco Govoni; Giorgia Ciurlia; Silvia Geraci; Emanuele Calabrò; Riccardo D’Agostino; Gianluigi Poli; Gabriele Nicolini; Christophe Mariat; Marie Essig; Paolo Malvezzi; Yannick Le Meur; Valérie Garrigue; Lionel Rostaing

17.26 **OS212** 
**Long-term Prolonged-release Tacrolimus-based Immunosuppression in De novo Liver Transplant Patients: 3-Year Prospective Follow-up of the Diamond Study**  
Pavel Trunečka; Gbenga Kazeem; Martin Hurst

17.33 **OS213** 
**10-Year Follow-up of a Randomized Trial in Kidney Transplantation Comparing 2 Immunosuppressive Strategies: Cyclosporine/Azathioprine Versus Tacrolimus/mycophenolate Mofetil**  
Lucie Fages; Valérie Moal; Mohamed Bouckeine; Philippe Brunet; Julie Moussi-Frances; Tristan Légris; Raj Purgus; Laurent Daniel; Bertrand Dussol; Yvon Berland; Henri Vacher-Coponat

17.40 **OS214** 
**Low Dose of Anti-human T-lymphocyte Globulin (ATG) Warrant a Good Glomerular Filtration Rate after Liver Transplant on Recipients with Pre-transplant Renal Dysfunction**  
Cristina Dopazo; Ramon Charco; Mireia Caralt; Elizabeth Pando; Jose Luis Lazaro; Itxarone Bilbao

18th Congress of the European Society for Organ Transplantation · 24-27 September 2017 · Barcelona · Spain
17.47 **OS215**
SUCCESSFUL KIDNEY TRANSPLANTATION OUTCOMES AFTER DESENSITIZATION WITH PLASMAPHERESIS, INTRAVENOUS IMMUNOGLOBULIN AND RITUXIMAB IN HIGHLY SENSITIZED LIVING DONOR KIDNEY TRANSPLANT PATIENTS: MULTICENTER
Gustavo Martinez-Mier¹; Pedro Moreno-Ley²; Ernesto Soto-Miranda³; Eunice Rivera-Luna⁴; Jose Cruz-Santiago⁵
¹IMSS UMAE 14 Adolfo Ruiz Cortines, Mexico; ²IMSS UMAE 14 Adolfo Ruiz Cortines, Mexico; ³IMSS UMAE HESP CMN La Raza, Mexico

17.54 **OS216**
IS IT REALLY NECESSARY TO REMOVE ANTI-A/B ANTIBODIES IN ABO-INCOMPATIBLE KIDNEY TRANSPLANTATION?
Yuki Nakagawa¹; Yuki Nakagawa¹; Kazuhide Saito¹; Masayuki Tasaki¹; Kota Takahashi¹; Yoshihiko Tomita¹
¹Division of Urology, Department of Regenerative and Transplant Medicine, Graduate School of Medical, Japan; ²Uonuma-kikan-Hospital, Niigata, Japan; ³Otsukadai Clinic, Tokyo, Japan

17.05 – 18.05 **Brief oral sessions**

17.05 – 18.05 **BOS20** **ABMR... Again!**
**Room 124**
CHAIR(S): Joana Sellares, Barcelona, Spain

17.05 **BOS266**
IS THERE A NEED FOR A SUPPLEMENTARY DOSE OF ECULIZUMAB AFTER ANTIBODY REMOVAL FOR TREATMENT OF ANTIBODY-MEDIATED REJECTION?
Anna Adamusia; Bynvant Sandhu; Miriam Manook; Olivia Shaw; Irmen Generalo; Nicos Kessaris; Anthony Dorling; Nizam Mamode
Guy’s Hospital, United Kingdom

17.09 **BOS267**
DSA PRESENCE DOES NOT AFFECT RENAL HISTOLOGY AND CLINICAL OUTCOME IN CHRONIC ACTIVE ANTIBODY MEDIATED REJECTION
Kasia Sablik¹; Marian Clahsen-van Groningen¹; Caspar Looman¹; Jeffrey Damman¹; Dave Roelen²; Madelon van Agteren¹; Michiel Betjes¹
¹Erasmus Medical Center, The Netherlands; ²Leiden University Medical Center, The Netherlands

17.13 **BOS268**
PERIPHERAL LEUKOCYTE PROFILES IN LATE ANTIBODY MEDIATED REJECTION AFTER KIDNEY TRANSPLANTATION
Gregor Bond; Georg Böhmig
Medical University of Vienna, Austria

17.17 **BOS269**
DE NOVO DONOR–SPECIFIC HLA ANTIBODIES AFTER STEROID WITHDRAWAL IN KIDNEY TRANSPLANT RECIPIENTS: A PROSPECTIVE, RANDOMIZED, CONTROLLED, PARALLEL GROUP STUDY. PRELIMINARY RESULTS
Juana Alonso-Titos¹; Pedro Ruiz-Esteban¹; Eulalia Palma¹; Veronica Lopez¹; Abelardo Caballero¹; Myniam Leon¹; Maria Angeles Cobos²; Josep Maria Cruzado³; Joana Sellares³; Armando Torres³; Domingo Hernandez³
¹Regional University Hospital of Malaga and University of Malaga. IBIMA. REDINREN (RD16/0009/0006), Spain; ²Hospital Universitario de Canarias, CIBICAN, University of La Laguna, REDinREN (RD16/0009/0031) Tenerife, Spain; ³IDIBELL, Hospital de Bellvitge, REDINREN (RD16/0009/0003), Spain; ⁴Hospital Universitari Vall d’Hebron, REDINREN (RD 16/0009/0030), Spain

17.21 **BOS270**
A LOWER MEAN EXPOSURE TO TACROLIMUS, NOT INTRA-PATIENT VARIABILITY IS ASSOCIATED WITH CHRONIC ACTIVE ANTIBODY MEDIATED REJECTION
Kasia Sablik; Marian Clahsen-van Groningen; Teun van Gelder; Michiel Betjes
Erasmus Medical Center, The Netherlands
17.25  
**BOS271**  
PREDICTIVE VALUE OF RENAL POLY (ADP-RIbose) POLYMERASE (PARP) EXPRESSION BOTH IN INFLAMMATION AND INTERSTITIAL FIBROSIS PROCESSES IN RECIPIENTS WITH ANTIBODY-MEDIATED REJECTION  
B. Handan Ozdemir; F. Nurhan Ozdemir; Esra Baskın; Gokhan Moray; Mehmet Haberal  
Baskent University, Turkey

17.29  
**BOS272**  
DELETERIOUS EFFECT OF ANTI-ANGIOTENSIN II TYPE 1 RECEPTOR AND DONOR-SPECIFIC ANTI-HLA ANTIBODIES ON KIDNEY GRAFT OUTCOMES IS BOTH PROPER AND SYNERGISTICAL  
Jorge Malheiro; Sandra Tafuulo; Leonidio Dias; La Salete Martins; Manuela Almeida; Sofia Pedroso; António Castro-Henriques  
1Centro Hospitalar do Porto, Portugal; 2IPST, Portugal

17.33  
**BOS273**  
CLINICAL SIGNIFICANCE OF DE NOVO DONOR-SPECIFIC ANTI-HLA ANTIBODIES AFTER KIDNEY TRANSPLANTATION  
Hee-Yeon Jung; Ryang Hi Kim; Sung Mi Park; Jung Hwa Park; Kyung Hee Lee; Eun Song Lee; Jeong-Hooon Lim; Kyu Yeun Kim; Ji-Young Choi; Jang-Hee Cho; Sun-Hee Park; Yong-Lim Kim; Chan-Duck Kim  
Kyungpook National University Hospital, Republic of Korea

17.37  
**BOS274**  
THE EXPRESSION OF ANGIOTENSIN II TYPE 1 RECEPTORS (AT1R) IN MICROCIRCULATION OF RENAL BIOPSY FOR CAUSE MIGHT BE SIGNIFICANT  
Agnieszka Sas; Mirosław Banasik; Piotr Dzonizy; Katarzyna Kościelska-Kasprzak; Dorota Kamińska; Oktawia Mazanowska; Magdalena Krajewska; Paweł Chudoba; Krzysztof Korta; Agnieszka Hator; Maria Boratyńska; Marian Klinger  
1Department of Nephrology and Transplantation Medicine, Wrocław Medical University, Poland; 2Department of Pathomorphology and Oncological Cytology, Wrocław Medical University, Poland; 3Research laboratory, Wrocław Medical University, Poland; 4Department of General, Vascular and Transplant Surgery, Wrocław Medical University, Poland

17.41  
**BOS275**  
DOUBLE FILTRATION PLASMAPHERESIS AND THERAPEUTIC PLASMA EXCHANGE: EFFICACY AND SAFETY IN THE TREATMENT OF RENAL GRAFT ANTIBODY MEDIATED REJECTION  
Alexey Zulkarnaev; Andrey Vatazin  
Moscow Regional Research and Clinical Institute, Russian Federation

17.45  
**BOS276**  
GLOMERULOCAPILLARY MiRNA EXPRESSION PROFILES IN THREE DIFFERENT MODELS OF ANTIBODY-MEDIATED REJECTION (ABMR)  
Georg Dieplinger; Falko M. Heinemann; Veronika Grau; Peter T. Jindra; Ute Eisenberger; Jan Becker; Jan Becker  
1Department of General, Visceral and Cancer Surgery, Transplant Center Cologne, University Hospital, Germany; 2Institute for Transfusion Medicine, University Hospital Essen, University Duisburg-Essen, Essen, Ger, Germany; 3Laboratory of Experimental Surgery, Department of Thoracic Surgery, Justus-Liebig-Universi, Germany; 4Immune Evaluation Laboratory, Department of Surgery, Baylor College of Medicine, Houston, TX, USA, United States; 5Clinic for Nephrology, University Hospital Essen, University Duisburg-Essen, Germany, Germany; 6Institute of Pathology, University Hospital of Cologne, Cologne, Germany, Germany

17.49  
**BOS277**  
LONG-TERM PERSISTENCE OF ANTI-HLA ANTIBODIES IN RENAL TRANSPLANT RECIPIENTS: RISK FACTORS AND IMPACT ON CLINICAL COURSE  
Isabel Perez Flores; María Angeles Moreno De La Higuera; Virginia Lopez De La Manzanara; Jose Baustista; Marta Calvo; Natividad Calvo; Ana Sanchez Fructuoso; Esther Mancebo; María José Castro; Ana Sánchez Fructuoso  
1Hospital Clínico San Carlos, Spain; 2Hospital Doce de Octubre, Spain
17.53  **BOS278**
**DETERMINANTS OF SEVERE FIBROSIS IN KIDNEY ALLOGRAFT: MAJOR IMPACT OF CIRCULATING DONOR SPECIFIC ANTI-HLA ANTIBODIES**
Clément Gosset; Denis Viglietti; Marion Rabant; Alexandre Loupy; Carmen Lefaucheur
Paris Translational Research Center for Organ Transplantation, France

17.57  **BOS279**
**SECOND-LINE THERAPY AFTER STANDARD OF CARE IN ANTIBODY-MEDIATED REJECTION: A PROSPECTIVE STUDY**
Denis Viglietti; Alexandre Loupy; Olivier Aubert; Christophe Legendre; Denis Glotz; Carmen Lefaucheur
Paris Translational Research Center for Organ Transplantation, France

17.05 – 18:05  **BOS21**  **Challenging conditions in liver transplantation**  
**Room 125**

17.05  **BOS280**
**NEW TECHNOLOGIES IN LIVER TRANSPLANTATIONS**
Sergey Voskanyan; Alexey Artemiev; Konstantin Gubarev; Dmitry Zabezhinsky; Evgeny Naydenov; Vladimir Rudakov; Maxim Shabalina; Anton Voevodin; Vladimir Shcherbin; Daria Svetlakova; Anna Malteva
State Research Center Burnazyan FMBC of the FMBA of Russia, Russian Federation

17.09  **BOS281**
**SPLENIC ARTERY STEAL SYNDROME IN PEDIATRIC LIVER TRANSPLANT: FIRST SERIES AND RESULTS**
Chiara Grimaldi\(^1\); Chiara Iacusso\(^2\); Roberta Angelico\(^3\); Cristina Lo Zupone\(^2\); Jean de Ville de Goyet\(^2\)
\(^1\)Ospedale Pediatrico Bambino Gesù, Italy; \(^2\)ISMETT UPMC, Italy

17.13  **BOS282**
**LIVER TRANSPLANTATION IN PATIENTS WITH PORTAL VEIN THROMBOSIS - IS IT SAFE?**
Dagmar Kollmann; Rainer Schindler; Svenja Maschke; Susanne Rasoul-Rockenschaub; Michael Hofmann; Gerd Silberhumer; Georg Györi; Thomas Soliman; Gabriela Berlakovich
Medical University of Vienna, Division of Transplantation, Austria

17.17  **BOS283**
**SALVAGE LIVING DONOR LIVER TRANSPLANTATION FOR RECURRENT HEPATOCELLULAR CARCINOMA AFTER PRIOR LAPAROSCOPIC HEPATECTOMY: A PROPENSITY SCORE MATCHING STUDY IN A SINGLE INSTITUTE**
Seok-Hwan Kim\(^1\); Ki-Hun Kim\(^1\); Shin Hwang\(^2\); Chul-Sooh Ahn\(^3\); Gi-Won Song\(^2\); Dong-Hwan Jung\(^2\); Gil-Chun Park\(^2\); Sung-Gyu Lee\(^2\); Woo-Hyoung Kang Kang\(^2\); Jae Hyun Kwon\(^2\); Eunkyung Jwa\(^2\); Hwui-Dong Cho\(^2\); Su-Min Ha\(^2\); Yong-Kyu Chung\(^2\)
\(^1\)Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea; \(^2\)Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea

17.21  **BOS284**
**SHORT TERM OUTCOME IN LIVER TRANSPLANTATION AFTER DELAYED ABDOMINAL FASCIA CLOSURE**
Ivan Vella\(^1\); Gaetano Ciancio\(^2\); Tommaso Maria Manzia\(^1\); Marco Pelliccicario\(^1\); Roberta Angelico\(^3\); Giuseppe Iaria\(^1\); Giuseppe Tisoni\(^1\); Rodrigo Vianna\(^2\)
\(^1\)University of Rome Tor Vergata, Italy; \(^2\)University of Miami Miller School of Medicine and Miami Transplant Institute, United States; \(^3\)Ospedale Pediatrico Bambino Gesù, Italy

17.25  **BOS285**
**CASE REPORT: FIRST DUAL GRAFT LIVER TRANSPLANTATION IN EGYPT**
Amr EI Fouly; Amr Abdelaal; Mostafa Abdo; Iman Montasser; Hayem Sayed; Mohamed S Gazy; MoazABBass; Mahmoud Talaat; Mohamed Sobhi; Hesham Abdel Kader; Mohamed Aboul Naga; Ahmed Mhuktar
Air Force Specialised Hospital, Egypt
17.29 **BOS286**

BALLOON ANGIOPLASTY IS EFFECTIVE IN THE MANAGEMENT OF STENOSIS OF HEPATIC VEIN OR INFERIOR VENA CAVA EARLY AFTER LIVING DONOR LIVER TRANSPLANTATION

Yang Won Nah; Hyung Woo Park; Jae Chul Hwang; Young Woo Seo; In Young Huh; Sun Eun Park; Eun Ae Byun

Ulsan University Hospital, Republic of Korea

17.33 **BOS287**

HIGHLY STRICT SELECTIONS OF DONOR REDUCE SURGICAL COMPLICATION AFTER LAPAROSCOPIC DONOR HEPATECTOMY

Gyu-seong Choi; Jae-Won Joh; ChanWoo Cho; Suk-Koo Lee; JongMan Kim; JohnWouk Oh; Joo Kim Sung

Samsung Medical Center, Republic of Korea

17.37 **BOS288**

RESULTS OF BILIARY RECONSTRUCTION WITH PTFE GRAFT IN LIVER TRANSPLANTATION

Mehmet Haberal1; Ebru Ayvazoglu Soy2; Gokhan Moray1; Adnan Torgay3; Handan Ozdemir3

1Department of Transplant Surgery, Baskent University, Turkey; 2Department of Anesthesiology, Baskent University, Turkey; 3Department of Pathology, Baskent University, Turkey

17.41 **BOS289**

A CASE REPORT: HANGING HEPATOATRIAL ANASTOMOSIS IN CADAVERIC DONOR LIVER TRANSPLANTATION FOR A BUDD-CHIARI SYNDROME PATIENT

Bong-Wan Kim; Sung Yeon Hong; Hee-Jung Wang; In-Gyu Kim

Ajou University, School of Medicine, Republic of Korea

17.45 **BOS290**

PORTAL VEIN ARTERIALIZATION AFTER TOTAL HEPATIC DE-ARTERIALIZATION IN LIVING DONOR LIVER TRANSPLANTATION: CASE REPORT

Worakitti Lapisatepun; Anon Chotirosniramit; Trichak Sundhu; Sunhawit Junrungsee

Chiang Mai University, Thailand

17.49 **BOS291**

IMPACT OF BILIARY DUCT RECONSTRUCTION TECHNIQUE ON LIVER TRANSPLANTATION OUTCOME

Rauf Shahbazov1; Feredun Azari2; Michael Kessel2; Giovanna Saracino1; Arash Nickkholgh1; Daniel Maluf1; Shawn Pelletier1

1University of Virginia Medical Center, United States; 2University of Virginia School of Medicine, United States

17.53 **BOS292**

ANASTOMOSIS OF PORTAL VEIN AND BILE DUCT ANOMALY IN LIVING DONOR LIVER TRANSPLANTATION

In-Sang Song1; Kwangskik Chun2; Sangwoo Park2

1Chungnam National University Hospital, Republic of Korea; 2Chungnam National University Hospital, Republic of Korea

17.57 **BOS293**

PIGGYBACK OR CAVA REPLACEMENT – WHICH TECHNIQUE IS PROTECTIVE AGAINST ACUTE KIDNEY INJURY AFTER TRANSPLANTATION? A SINGLE CENTRE ANALYSIS OF 431 CASES

Jeannette Widmer1; Mohamed Ghazaly1; Andrea Schlegel2; Margaret Debeethen1; Brian Davidson1; Charles Imber2; Massimo Malago1; Joerg-Matthias Pollok1

1Royal Free Hospital London, United Kingdom; 2Queen Elizabeth Hospital Birmingham, United Kingdom
17.05 – 18.05  **BOS22  Clinical immunosuppression 1**  
**Chair(s):** Lluis Pallardo, Valencia, Spain

17.05  **BOS294**  
**Cosmos: A multicenter, randomized, open-label, phase IV study of kidney transplant patients converted from cyclosporin to prolonged-release tacrolimus plus standard or reduced-dose corticosteroids**

Chung Hee Baek¹; Chan-Duck Kim²; Dong Ryeol Lee³; Yeong Hoon Kim⁴; Jaeseok Yang⁵; Beom Seok Kim⁶; Jong Soo Lee⁷; Sang Youb Han⁸; Soo Wan Kim⁹; Sik Lee¹⁰; Kang Wook Lee¹¹; Jin Min Kong¹²; Byung Chul Shin¹³; Sang Ho Lee¹⁴; Dong Wan Chae¹⁵; Young Joo Kwon¹⁶; Su-Kil Park¹

¹Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea; ²Kyungpook National University School of Medicine, Republic of Korea; ³Maryknoll Medical Center, Republic of Korea; ⁴Inje University Pusan Paik Hospital, Republic of Korea; ⁵Seoul National University Hospital, Republic of Korea; ⁶Severance Hospital, Yonsei University College of Medicine, Republic of Korea; ⁷Ulsan University Hospital, University of Ulsan College of Medicine, Republic of Korea; ⁸Ilsan-Paik Hospital, Inje University of Medicine, Republic of Korea; ⁹Chonnam National University Medical School, Republic of Korea; ¹⁰Chonbuk National University Hospital, Republic of Korea; ¹¹Chungnam National University, Republic of Korea; ¹²BHS Hanseo Hospital, Republic of Korea; ¹³Chosun University Hospital, Republic of Korea; ¹⁴Kyung Hee University Medical Center, Republic of Korea; ¹⁵Seoul National University Bundang Hospital, Republic of Korea; ¹⁶Korea University College of Medicine, Republic of Korea

17.09  **BOS295**  
**Prolonged-release tacrolimus in de novo and long-term kidney transplant patients in routine clinical practice in Austria: The Stern study**

Claudia Bosmuller¹; Johann Pratschke²; Malcolm Brown³; Sabine Horn⁴

¹Medical University of Innsbruck, Austria; ²Campus Charité Mitte/Campus Virchow Klinikum, Germany; ³Astellas Pharma, Inc., United Kingdom; ⁴LKH Villac, Austria

17.13  **BOS296**  
**High tacrolimus clearance is a risk factor for acute rejection early after renal transplantation**

Erlend Johannessen Egeland¹; Ida Robertsen¹; Monica Hermann¹; Karsten Midtvedt³; Elisabet Størset¹; Marte T. Gustavsen¹; Anna V. Reisaeter¹; Rolf Klaasen⁴; Stein Bergan⁴; Hallvard Holdaas¹; Anders Hartmann²; Anders Åsberg³

¹School of Pharmacy, University of Oslo, Norway; ²Western Norway University of Applied Sciences, Norway; ³Department of Transplantation Medicine, Oslo University Hospital, Norway; ⁴Department of Pharmacology, Oslo University Hospital, Norway

17.17  **BOS297**  
**Is once-daily extended-release tacrolimus better than twice-daily standard-release tacrolimus? A meta-analysis of randomized controlled trials**

Guangxiang Gu; Qiang Xia
Shanghai Jiaotong University, China

17.21  **BOS298**  
**Comparison of once-daily and twice-daily tacrolimus formulations in de novo kidney transplantation - Pharmacokinetic and economical aspects**

Lutz Liefeldt; Silke Kasbohm; Klemens Budde; Petra Glander

²Charité - Universitätsmedizin Berlin, Charité Campus Mitte, Germany
17.25 BOS299
IMMEDIATE INTRODUCTION OF EVEROLIMUS DOES NOT AFFECT WOUND HEALING AND DELAYED GRAFT FUNCTION IN KIDNEY TRANSPLANT RECIPIENTS: 12-MONTHS RESULTS FROM NEVERWOUND STUDY

Mario Carmellini1; Luigi Boschiero2; Paolo Rigotti3; Silvio Sandrini4; Giovanni Maria Frascà5; Eugenio Minetti6; Giuseppe Tisone7; Franco Citterio8; Pasquale Bartolomeo Berloco9; Giacomo Colussi10; Antonio Secchi11; Paola Todeschin12; Massimo Iappelli13; Flavia Caputo14; Gianni Cappelli15; Gian Benedetto Piredda16; Massimiliano Veroux17; Paride De Rosa18; Loreto Gesualdo19; Antonio Dal Canton20; Stefano Chiaramonte21
1Università di Siena Policlinico Le Scotte, Italy; 2Az. Ospedaliera Universitaria Integrata Verona, Italy; 3Azienda Ospedaliera di Padova, Italy; 4Az. Osp. Spedali Civili di Brescia, Italy; 5A.O.U.Osp. Riuniti Umberto I-GM Lancisi-G. Salesi - Ancona, Italy; 6AOUC Azienda Ospedaliero-Universitaria Careggi, Italy; 7Università degli Studi Tor Vergata, Italy; 8Università Cattolica del Sacro Cuore - Policlinico Universitario A. Gemelli, Italy; 9Università La Sapienza - A.O. Policlinico Umberto I°, Italy; 10Az. Ospedaliera Niguarda Ca' Granda, Italy; 11Ospedale San Raffaele IRCCS S.r.l., Italy; 12AOP S.Orsola-Malpighi, Bologna, Italy; 13Azienda Ospedaliera San Camillo Forlanini - Roma, Italy; 14Presidio Ospedaliero Civico e Benfratelli - Palermo, Italy; 15Università degli Studi di Modena e Reggio Emilia, Italy; 16Azienda Ospedaliera G. Broglio - Cagliari, Italy; 17Az. Osp. Univ. Policlinico-Vittorio Emanuele - Catania, Italy; 18Az.Osp.Univ. O.O.R.R. S.Giov. di Dio e Ruggi D'Aragona - Salerno, Italy; 19Az.Osp.Univ. Consorziale Policlinico di Bari, Italy; 20Fondazione IRCCS Policlinico S. Matteo - Pavia, Italy; 21Presidio Ospedaliero San Bortolo - Vicenza, Italy

17.29 BOS300
EVEROLIMUS WITH REDUCED TACROLIMUS PREFERENTIALLY BENEFITS PATIENTS WITH IMPAIRED RENAL FUNCTION IN MAINTENANCE LIVER TRANSPLANT

Yih Jyh Lin; Tsung- Ching Chou; Ren Long Chen
National Cheng Kung University Medical Center, Taiwan

17.33 BOS301
CLINICAL ANALYSIS OF CALCINEURIN INHIBITOR-BASED IMMunosuppressive therapy COMBINED WITH EVEROLIMUS IN ABO-INCOMPATIBLE KIDNEY TRANSPLANT RECIPIENTS

Koichi Tsutahara1; Ryooichi Imamura2; Yohei Okuda3; Sohei Kuribayashi4; Masatake Kawamura4; Nozomu Kishimoto5; Kentaro Takezawa5; Go Tanigawa6; Tetsuya Takao6; Seiji Yamaguchi6
1Osaka General Medical Center, Japan; 2Osaka University Graduate School of Medicine, Japan

17.37 BOS302
THE USE OF SIROLIMUS IN PATIENTS WITH RECURRENT CYTOMEGALOVIRUS (CMV) INFECTION AFTER KIDNEY TRANSPLANTATION. A RETROSPECTIVE CASE SERIES ANALYSIS

Rachel Hung1; Ali Shendi2; Ben Caplin3; Paul Griffiths3; Mark Harber4
1Royal Free Hospital NHS Foundation Trust, Malaysia; 2Nephrology Unit, Internal Medicine Department, Faculty of Medicine, Zagazig University, Zagazig, Egypt; 3Royal Free Hospital NHS Foundation Trust, United Kingdom

17.41 BOS303
COMPARISON OF MTORI’S AND CALCINEURIN INHIBITORS IN LOW-IMMUNONOGICAL RISK RENAL TRANSPLANT RECIPIENTS

Vural Taner Yilmaz1; Huseyin Kocak2; Gultekin Suleymanlar2; Ramazan Cetinkaya2; Abdullah Kisaoglu3; Bulent Aydinti3
1Akdeniz University Medical School Department of Internal Medicine, Division of Nephrology, Turkey; 2Akdeniz University Medical School, Department of Internal Medicine, Division of Nephrology, Turkey; 3Akdeniz University Medical School, Department of General Surgery, Turkey

17.45 BOS304
ALEMTUZUMAB (CAMPATH®) VERSUS BASILIXIMAB (SIMULECT®) AS AN INDUCTION THERAPY FOR RENAL ALLOGRAFT TRANSPLANTATION: 5-YEAR OUTCOME OF A SINGLE CENTRE

Abdulwhab Elmgrhrbee1; Amar M Eltweri2; Adham El Bakry3; Dan Ridgway4; Sanjay Mehra5; Ajay Sharma6; Abdul Hammad6
1Royal Liverpool & Broadgreen University Hospitals, United Kingdom; 2Leicester General Hospital, United Kingdom
**17.49**  
**BOS305**  
**AN ANALYSIS OF EFFECTS OF RITUXIMAB ON LIVING KIDNEY TRANSPLANTATION RECIPIENTS**  
Momoko Kono¹; Ayumi Ishiwatari¹; Jumpei Hasegawa¹; Sachiko Wakai¹; Hiroki Shirakawa²; Kazunari Tanabe¹  
¹Ohkubo Hospital, Department of Nephrology, Japan; ²Ohkubo Hospital, Department of Urology, Japan; ³Tokyo Women’s Medical University, Department of Urology, Japan

**17.53**  
**BOS306**  
**GENERIC SUBSTITUTION OF MYCOPHENOLATE MOFETIL- BASED IMMUNOSUPPRESSANTS**  
Bruno Reigner¹; Susan Grange¹; Darren Bentley¹; Ludger BanKen¹; Markus Abt¹; Richard Hughes¹; Theodor W. Guentert²  
¹F. Hoffmann - La Roche Ltd., Switzerland; ²PK-Insights GmbH, Switzerland

**17.57**  
**BOS307**  
**IMPROVING UNDERSTANDING OF HEALTH BELIEFS AND IMMUNOSUPPRESSION ADHERENCE IN LONG-TERM KIDNEY TRANSPLANT PATIENTS THROUGH PHARMACIST-LED CONSULTATION AND MEDICINES OPTIMISATION**  
Hayley Wells¹; Sharon Frame¹; Amy Carroll¹; Sanchika Campbell¹; Viviana Shepherd²; Anna Simpson¹; Antonia Cronin¹  
¹Guy’s and St Thomas’ NHS Foundation Trust, United Kingdom; ²King’s College London (KCL), United Kingdom; ³Guy’s and St. Thomas’ NHS Foundation Trust and King’s College, London (KCL), United Kingdom

**17.05 - 18.05**

**BOS23**  
**Video session**  
Chair(s): Vassilios Papalois, London, United Kingdom  
Room 128

**17.05**  
**BOS308**  
**LAPAROSCOPIC PYELOURETEROSTOMY WITH RECIPIENTS URETER IN A TRANSPLANTED KIDNEY FOR URETERAL STRICTURE**  
Ivan Dymkov  
Vounc, Russian Federation

**17.09**  
**BOS309**  
**LAPAROSCOPIC APPROACH FOR LIVING DONOR TO PAEDIATRIC LIVER TRANSPLANT**  
Javier Briceño¹; Ruben Ciria¹; Pedro Lopez-Cillero¹; Maria Dolores Ayllon¹; Irene Gomez-Luque²; Antonio Luque¹; Araceli Moreno¹; Felipe Alconchel¹  
¹University Reina Sofia Hospital, Spain; ²Hospital Universitario Reina Sofia, Spain

**17.13**  
**BOS310**  
**A MYSTERIOUS PRESENTATION FOR SYSTEMIC LUPUS ERYTHEMATOUS EIGHT YEARS AFTER KIDNEY TRANSPLANTATION**  
Faheem M. Ahmed¹; Naser Allah Abutaleb²; Adnan Marmi³  
¹King Khalid Hospital Najran, Saudi Arabia; ²Diaverum Company, Saudi Arabia; ³Bahrain Defense Military Hospital, Bahrain

**17.17**  
**BOS311**  
**KIDNEY TRANSPLANTATION FOLLOWING EX-VIVO RECONSTRUCTION OF THE RENAL ARTERY ANEURYSM WITH AN ARTERIAL PATCH**  
Tzevat Tefik¹; Tayfun Oktar¹; Murat Ugurlucan¹; Omer Sayin²; Taner Kocak¹; Selcuk Erdem¹; AyseNur Bulut¹; Örhan Ziylan¹; Haluk Ander¹; Ismet Nane¹  
¹Istanbul University Istanbul Faculty of Medicine Department of Urology, Turkey; ²Istanbul University Istanbul Faculty of Medicine Department of Heart and Vascular Surgery, Turkey; ³Istanbul University Istanbul Faculty of Medicine, Turkey

**17.21**  
**BOS312**  
**KIDNEY AUTOTRANSPLANTATION FOR COMPLEX RENAL ARTERY ANEURYSM REPAIR**  
Giuseppe Ietto; Gabriele Soldini; Domenico Iovino; Marco Calussi; Cristiano Parise; Elia Zani; Veronica Raveglia; Matteo Tozzi; Giulio Carcano  
Insubria University, Italy
17.25
BOS313 IMEDIATE GRAFT NEPHRECTOMY AND RE-TRANSPLANTATION OF KIDNEY ALLOGRAFT FOLLOWING ACUTE RENAL VEIN THROMBOSIS
Tzevat Tefik; Huseyin Bakkaloglu; Tayfun Oktar; Adem Bayraktar; Erol Demir; Yasar Caliskan; Halil Yazi; Aydin Turkm; Meltem Karadeniz; Hayriye Senturk Ciftci; Taner Kocak; Orhan Zyilan; Haluk Ander; Ali Emin Aydin; Ismet Nane
1Istanbul University Istanbul Faculty of Medicine Department of Urology, Turkey; 2Istanbul University Istanbul Faculty of Medicine Department of General Surgery, Turkey; 3Istanbul University Istanbul Faculty of Medicine Department of Internal Medicine, Division of Nephro, Turkey; 4Istanbul University Istanbul Faculty of Medicine Department of Anesthesiology, Turkey; 5Istanbul University Istanbul Faculty of Medicine Department of Medical Biology, Turkey

17.29
BOS314 TECHNICAL ASPECTS OF UNILATERAL DUAL KIDNEY TRANSPLANTATION FROM EXPANDED CRITERIA DONORS
Cristina Silvestre; Flavia Neri; Francesco Tuci; Nicola Baldan; Lucrezia Furian; Paolo Rigotti
1Kidney and Pancreas Transplantation Unit - Department of Surgical, Oncological and Gastroenterologic, Italy; 23rd General Surgery Unit - Department of Surgical, Oncological and Gastroenterological Sciences, Uni, Italy

17.33
BOS315 HEPATIC ARTERY RECONSTRUCTION DURING EX-VIVO NORMOTHERMIC LIVER PERFUSION
David Nasralla; Paolo Muesar; Hynek Mergental; Andrew Butler; Chris Watson; Wayel Jassem; Charles Imber; Rutger Ploeg; Peter Friend; Thamara Perera
1Oxford Transplant Centre, Nuffield Department of Surgical Sciences, University of Oxford, United Kingdom; 2Queen Elizabeth Hospital, Birmingham, United Kingdom; 3Addenbrooke’s Hospital, Cambridge, United Kingdom; 4King’s College Hospital, London, United Kingdom; 5Royal Free Hospital, London, United Kingdom; 6Oxford Transplant Centre, Nuffield Department of Surgical Sciences, University of Oxford, United Kingdom

17.37
BOS316 SAFETY OF THE LIVING KIDNEY DONOR: WHAT’S TO BE IMPROVED?
Cristina Silvestre; Flavia Neri; Francesco Tuci; Paolo Rigotti; Lucrezia Furian
Kidney and Pancreas Transplantation Unit - Department of Surgical, Oncological and Gastroenterologic, Italy

17.41
BOS317 SAFETY AND RATIONALITY OF EXTRAHEPATIC GLISSONEAN APPROACH FOR LIVING DONOR HEPATECTOMY
Taizo Hibi; Yuta Abe; Masahiro Shinoda; Minoru Kitago; Hiroshi Yagi; Yuko Kitagawa
Keio University School Of Medicine, Japan

17.45
BOS318 ESCAPING LIVER TRANSPLANTATION WITH ANTE SITUM RESECTION IN ADVANCED HEPATOBLASTOMA
Roberta Angelico; Annalisa Passariello; Michele Pilato; Marco Pellicciaro; Ivan Vella; Tommaso Cozzolino; Marcello Piazza; Paolo D’angelo; Maria Cristina Saffioti; Daniele Alberti; Marco Spada
1Bambino Gesù Children’s Hospital Irccs, Rome, Italy; 2University Of Naples “Federico II”, Naples, Italy; 3Mediterranean Institute For Transplantation And Advanced Specialized Therapies (Ismett), Palermo, Italy; 4University Of Rome Tor Vergata, Rome, Italy; 5Giovanni Di Cristina” Children’s Hospital, Palermo, Italy; 6“Spedale Civili” Children’s Hospital, Brescia, Italy
Tuesday 26 September

EDUCATIONAL TRACK SESSION 3

07.30 – 09.00

Above and below the diaphragm

CHAIRS: Arne Neyrinck, Leuven, Belgium
Annemarie Weissenbacher, Oxford, United Kingdom

07.30

Learning objectives assessment

07.45

Old and new listing criteria for lung and heart transplantation

John Dark, Newcastle, United Kingdom

08.00

Old and new listing criteria for liver, pancreas and intestinal transplantation

Peter Friend, Oxford, United Kingdom

08.15

How do factors from above the diaphragm impact on the outcome of transplantation of organs below the diaphragm?

Stephan Eschertzhuber, Innsbruck, Austria

08.30

Combined transplanted patients – which organ drives the immunosuppressive regimen?

Nassim Kamar, Toulouse, France

EDUCATIONAL TRACK SESSION 4

07.30 – 09.00

Pathophysiology and endpoints on tolerance

CHAIRS: Christine S. Falk, Hannover, Germany
Nina Pilat, Vienna, Austria

07.30

Learning objectives assessment

07.45

Clinical tolerance studies

Megan Sykes, New York, United States

08.00

Endpoints and biomarkers for clinical tolerance

Birgit Sawitzki, Berlin, Germany

08.15

Macrophages and the induction of tolerance

Jordi Orchanto, New York, United States

08.30

T-reg induced allograft tolerance in human

Giovanna Lombardi, London, United Kingdom

Late breaking oral session 1

08.00 – 09.00

LBFO01 Late breaking session

CHAIR(S): 

08.00

LOS001

THE TRANSFORM STUDY: 12-MONTH EFFICACY AND SAFETY OF EVEROLIMUS WITH REDUCED CALCINEURIN INHIBITOR IN DE NOVO KIDNEY TRANSPLANT RECIPIENTS

Julio Pascual1; Stefan Berger2; Oliver Witzke3; Steve Chadban4; Federico Oppenheimer5; Rainer Oberbauer6; Yoshihiko Watarai7; Christophe Legendre8; Wen-Lin Luo9; Anamaria Marti10; Peter Bernhardt11; Helio Tedesco12

1Hospital del Mar, Barcelona, Spain; 2University Medical Center Groningen, Groningen, The Netherlands; 3Universitätsklinikum Essen, Essen, Germany; 4Royal Prince Alfred Hospital, Camperdown, Australia; 5Hospital Clinic, Barcelona, Spain; 6Medical University of Vienna, Vienna, Austria; 7Nagoya Daini Red Cross Hospital, Nagoya City, Japan; 8Hôpital Necker, Paris, France; 9Novartis Pharmaceuticals Corporation, East Hanover, United States; 10Novartis Farmaceutica S.A, Barcelona, Spain; 11Novartis Pharma AG, Basel, Switzerland; 12Hospital do Rime e Hipertensão, São Paulo, Brazil
08.07 LOS002
THE TRANSFORM STUDY: LOWER VIRAL INFECTIONS WITH EVEROLIMUS AND REDUCED CALCINEURIN INHIBITOR VERSUS MYCOPHENOLATE AND STANDARD CALCINEURIN INHIBITOR IN DE NOVO KIDNEY TRANSPLANT PATIENTS AT MONTH 12
Josep Cruzado1; Shamkant Mulgaonkar2; Valter Garcia3; Pablo Massari4; Dirk Kuypers5; Mathias Buchler6; Franco Citterio7; Flavio Vincenti8; Wen-Lin Luo9; Peter Bernhardt10; Claudia Sommerer11
1Hospital Universitari de Bellvitge, Barcelona, Spain; 2St. Barnabas Medical Center, Livingston, NJ, United States; 3Santa Casa de Misericordia do Porto Alegre, Porto Alegre, Brazil; 4Hospital Privado Centro Medico de Cordoba, Cordoba, Argentina; 5University Hospitals, Leuven, Belgium; 6CHRU de Tours - Hôpital Bretonneau, Tours, France; 7Policlinico Universitario A Gemell, Università Cattolica del Sacro Cuore, Roma, Italy; 8University of California San Francisco Medical Centre, San Francisco, CA, United States; 9Novartis Pharmaceuticals Corporation, East Hanover, NJ, United States; 10Novartis Pharma AG, Basel, Switzerland; 11Universitätsklinikum Heidelberg, Heidelberg, Germany

08.14 LOS003
EVEROLIMUS-BASED VS TACROLIMUS-MPA REGIMEN IN DE NOVO KIDNEY TRANSPLANT RECIPIENTS: 12 MONTHS SAFETY AND EFFICACY DATA FROM ATHENA STUDY
Claudia Sommerer1; Barbara Suwelack2; Duska Dragun1; Ingeborg Hauser1; Peter Schenker1; Oliver Witzke1; Christian Hugo1; Nassim Kamar3; Pierre Merville2; Martina Junge1; Björn Nashan1; Friedrich Thaiss1
1Athena Study Group, Germany; 2Athena Study Group, France; 3Novartis Pharma Gmbh, Germany, Germany

08.21 LOS004
EVEROLIMUS ALLOWS A SIGNIFICANT AND SAFE REDUCTION OF TACROLIMUS EXPOSURE IN THE DE NOVO LIVER TRANSPLANTATION RECIPIENTS AND IMPROVES KIDNEY FUNCTION: 52 WEEKS DATA FROM REDUCE STUDY
Miquel Navasa1; Miguel Angel Gómez-Bravo2; Martín Prieto3; Gloria Sanchez-Antolín4; Laura Lladó5; Alejandra Otero6; Trinidad Serrano7; Carlos Jimenez8; Miguel García9; Julio Santoyo10; Study Group Reduce11
1Hospital Clínico de Barcelona, Barcelona, Spain; 2Hospital Universitario Virgen del Rocio, Sevilla, Spain; 3Hospital Universitari i Politècnic la Fe, Valencia, Spain; 4Hospital Río Hortega, Valladolid, Spain; 5Hospital Universitari de Bellvitge, L'Hospitalet de Llobregat, Barcelona, Spain; 6Hospital Universitario de A Coruña, A Coruña, Spain; 7Hospital Clínico Universitario Lozano Blesa, Zaragoza, Spain; 8Hospital Universitario 12 de Octubre, Madrid, Spain; 9Hospital Universitario Ramón y Cajal, Madrid, Spain; 10Hospital Regional Universitario Carlos Haya, Málaga, Spain; 11In representation of the REDUCE study group, consisting of 20 liver transplant units in Spain

08.28 LOS005
LIVER TRANSPLANTATION THROUGH THE PRISM OF DECISION TREE ANALYSIS: UNBIASED DEFINITION OF PATIENTS AT RISK OF SHORT-TERM MORTALITY RISK
Eric Levesque1; Etienne Audureau2; Hugo Toregrosa3; Sonia Zbachi3; Audrey Winter4; Corinne Antoine5; Christophe Duvoux6; Cyrille Feray2
1APHP Henri Mondon, France; 2APHP Henri Mondor, France; 3APH Henri Mondor, France; 4CHU Montpellier, France; 5Agence De Biomedecine, France; 6APHP Mondor, France

08.35 LOS006
RESCUE ALLOCATION IN THE FRENCH NATIONWIDE LIVER GRAFT COHORT: NO REASON TO REJECT UNWANTED LIVER GRAFTS
Cyrille Feray1; Audrey Winter2; Mara Disabato3; Philippe Compagnon1; Jean-Pierre Daures2; Daniel Azoulay1; Paul Landais2
1APHP Henri Mondor, France; 2Department of Biostatistics & Public Health, Nîmes University Hospital, Montpellier, France, France

08.42 LOS007
CAN ROTEM PARAMETERS BE USED IN THE EARLY PREDICTION OF INITIAL GRAFT POOR FUNCTION AFTER LIVER TRANSPLANTATION?
Mihai Popescu; Dana Tomescu
Fundeni Clinical Institute, Romania
08.49

**LOS008**

CLINICAL PANCREAS TRANSPLANTATION FROM DECEASED DONOR IN JAPAN – REPORT FROM JAPANESE PANCREAS TRANSPLANTATION REGISTRY

Takashi Kenmochi\(^1\); Taihei Ito\(^2\); Kei Kurihara\(^3\); Naohiro Aida\(^4\); Yuumi Akashi\(^5\)

\(^1\)Department of Transplantation and Regenerative Medicine, Fujita Health University, School of Medicine, Japan; \(^2\)Faculty of Nursing, Fujita Health University, School of Health Sciences, Japan

08.00 – 09.00

**Full oral sessions**

08.00 – 09.00

**OS25**  HAVE WE OPTIMIZED THE POTENTIAL FOR LIVING KIDNEY DONATION?

**Chair(s):** Lisa Burnapp, London, United Kingdom; Jacopo Romagnoli, Rome, Italy

08.00

**OS217**  WILL THEY DONATE? PREDICTORS OF NON-DONATION AND WITHDRAWAL IN A UK MULTICENTRE PROSPECTIVE COHORT STUDY OF POTENTIAL LIVING KIDNEY DONORS

Pippa Bailey\(^1\); Charles Tomson\(^2\); Stephanie MacNeill\(^3\); Ann Marsden\(^4\); Dominique Cook\(^5\); Rhian Cooke\(^6\); Helen Burt\(^7\); Fiona Biggins\(^8\); Jim O’Sullivan\(^9\); Kim Russell\(^10\); Kay Dimmick\(^11\); Yoav Ben-Shlomo\(^12\)

\(^1\)University of Bristol and North Bristol NHS Trust, United Kingdom; \(^2\)Freeman Hospital, Newcastle upon Tyne Hospitals NHS Foundation Trust, United Kingdom; \(^3\)University of Bristol, United Kingdom; \(^4\)University Hospital of Wales, Cardiff and Vale University Health Board, United Kingdom; \(^5\)Morriston Hospital, Abertawe Bro Morgannwg University Health Board Swansea, United Kingdom; \(^6\)Royal Preston Hospital, Lancashire Teaching Hospitals NHS Foundation Trust, United Kingdom; \(^7\)Addenbrooke’s Hospital, Cambridge University Hospitals NHS Foundation Trust, United Kingdom; \(^8\)Royal Stoke University Hospital, University Hospitals of North Midlands NHS Trust, United Kingdom

08.07

**OS218**  PAIRED LIVING KIDNEY DONATION IN THE UK

Rachel Johnson\(^1\); Lisa Burnapp\(^1\); Lisa Mumford\(^1\); Chris Watson\(^2\)

\(^1\)NHS Blood and Transplant, United Kingdom; \(^2\)Addenbrooke’s Hospital, United Kingdom

08.14

**OS219**  EXPANDED TRANSPLANT OPTIONS FOR PATIENTS REGISTERED IN KIDNEY PAIRED DONATION PROGRAM

Stanislaw Stepkowski; Beata Mierzejewska; Dulat Bekbolsynov; Michael Rees

University of Toledo, United States

08.21

**OS220**  POTENTIAL GAIN OF UTILIZING KIDNEYS FROM DECEASED DONORS TO INITIATE ‘CHAIN’ KIDNEY PAIRED DONATION: QUANTIFICATION OF BENEFIT THROUGH A REAL-WORLD RETROSPECTIVE ANALYSIS

Cristina Silvestre\(^1\); Antonio Nicolò\(^2\); Cristina Cornelio\(^3\); Flavia Neri\(^4\); Francesca Rossi\(^5\); Paolo Rigotti\(^6\); Lucrezia Furian\(^7\)

\(^1\)Kidney and Pancreas Transplantation Unit University of Padua, Italy; \(^2\)Department of Economics and Management, Padua University, Italy and School of Social Sciences, Unive, Italy; \(^3\)IBM T.J. Watson Research Center, Yorktown Heights, New York, U.S., Italy; \(^4\)Kidney and Pancreas Transplantation Unit - Department of Surgical, Oncological and Gastroenterologic, Italy; \(^5\)IBM T.J. Watson Research Center Yorktown Heights, New York, U.S., and University of Padua, Italy, Italy

08.28

**OS221**  UNSPECIFIED KIDNEY DONATION RATES IN THE UK ARE PLATEAUNG – ARE TRANSPLANT PROFESSIONALS AT FAUL7?

Petrut Gogalniceanu\(^1\); Sam Norton\(^2\); Rebecca Gare\(^3\); Joseph Chilcot\(^4\); Alexis Clarke\(^5\); Lynsey Williams\(^6\); Paul Gibbs\(^7\); Annie Mitchell\(^8\); Heather Draper\(^9\); Hannah Maple\(^10\); Lisa Burnapp\(^11\); Nizam Mamode\(^12\)

\(^1\)Guy’s and St Thomas’ NHS Foundations Trust, United Kingdom; \(^2\)King’s College London, United Kingdom; \(^3\)Guy’s and St Thomas’ NHS Foundations Trust, United Kingdom; \(^4\)Plymouth University, United Kingdom; \(^5\)Portsmouth Hospitals NHS Trust, United Kingdom; \(^6\)University of Birmingham, United Kingdom
OS222
ASSESSMENT OF THE RISK INDEX FOR LIVING DONOR KIDNEY TRANSPLANTATION (LKDPI) IN A EUROPEAN COHORT
Oliver Staech; Gregor Rehse; Fabian Halleck; Lukas Lehner; Eva Schrezenmeier; Klemens Budde; Dmytro Khadzhynov
Nephrology/University Medicine Charité, Germany

OS223
P-LKDPI: A DONOR RISK INDEX FOR PEDIATRIC RECIPIENTS OF LIVING DONOR KIDNEY TRANSPLANTATION
Allan Massie; Niraj Desai; Alicia Neu; Dorry Segev
Johns Hopkins University, United States

OS224
THE CLINICAL UTILITY OF CT BASED ANTHROPOMETRIC MEASURES OF ADIPOSITY IN A LIVING KIDNEY DONOR POPULATION
Zubir Ahmed; Daniel Oesi Bordom; Raphael Uwetchue; Josh Brown; Ben Ridley; Pankaj Chandak; Nicos Kessaris; Narayan Karunanithy; Nizam Mamode
1Guy’s Hospital, United Kingdom; 2Guy’s Hospital, United Kingdom

OS225
WHAT APPROACH FOR HAND ASSISTED LAPAROSCOPIC DONOR NEPHRECTOMY; TRANS- OR RETRO-PERITONEAL?
Nivia Catarsini; Giuseppe Giuffrida; Ismail Mohammad; Susana Fernandez-Diaz; Rajesh Sivaprakasam; Carmelo Pulitri; Roberto Cacciola
Royal London Hospital, United Kingdom

OS226
COMPARISON OF THREE APPROACHES FOR LAPAROSCOPIC DONOR NEPHRECTOMY: TRANSVAGINAL, TRANSUMBILICAL SINGLE SITE AND RETROPERITONEAL
Masayoshi Miura; Hiroshi Higashiyama
Sapporo Hokuyu Hospital, Japan

OS227
OUTCOME OF TRANS-UMBILICAL LAPAROENDOSCOPIC SINGLE-SITE DONOR NEPHRECTOMY, FIRST 160 CASES IN SAUDI TERTIARY HOSPITAL
Hany El Hennawy; Muhammad Jameel; Najib Kadi; Ahmed Al Hashemy; Wael Habhab; Ahmed Fahmy
King Faisal Specialist Hospital, Saudi Arabia

OS228
LAPAROSCOPIC VERSUS FINGER ASSISTED OPEN DONOR NEPHRECTOMY TECHNIQUES: WHERE DO THEY STAND?
Rauf Shahbazov; Feredun Azari; Giovanna Saracino; Pierpaolo DiCocco; David Hakim; Oscar Martin; Daniel Maluf; Nadey Hakim
1University of Virginia Medical Center, United States; 2Department of Surgery, University of Virginia, United States; 3University of Baylor Medical Center, United States; 4Imperial College London, United Kingdom; 5BUPA Cromwell Hospital, United Kingdom

OS229
OUTCOMES OF ALLOGRAFTS WITH MULTIPLE VESSELS PROCURED BY TOTALLY LAPAROSCOPIC DONOR NEPHRECTOMY: AN ANALYSIS OF MEDICAL, VASCULAR AND UROLOGICAL COMPLICATIONS
Rajan Veeratterapillay; J Fitzpatrick; A Nambari; J Chmelo; O Fuge; Naem Soomro; David Rix; G Sen; T Page; A Rogers; David Talbot
Freeman Hospital, United Kingdom
ROBOTIC ASSISTED KIDNEY TRANSPLANTATION - A PROSPECTIVE STUDY: FIRST FACTS AND FIGURES
Karl Weigand; Nasredin Mohammed; Felix Kawan; Andre Schumann; Paolo Formara
Martin-Luther-University Halle, Germany

RIGHT KIDNEYS IN LIVING DONOR KIDNEY TRANSPLANTATION: IS THE RISK OF TECHNICAL GRAFT LOSS REAL?
Tagi Khan1; Tagi Khan2; Nadeem Ahmad3; Kashif Siddique4; Costas Fourtounas1
1King Salman Armed Forces Hospital, Tabuk, Saudi Arabia, Saudi Arabia; 2King Salman Armed Forces Hospital, Tabuk, Saudi Arabia, Saudi Arabia; 3King Salman Armed Forces Hospital, Tabuk, Saudi Arabia, Saudi Arabia; 4King Salman Armed Forces Hospital, Tabuk, Saudi Arabia

RENALE GRAFT IMPLANTATION ON VASCULAR PROTHESE: A LARGE MULTICENTER STUDY
Mathilde Nedelec; Pascal Glemain; Yvonne Chowaniec; Pauline Guedry; Edouard Robine; François-Xavier Madec; Maxime Lefevre; Jérôme Rigaud; Georges Karam; Julien Blanchereau
CHU de Nantes, France

CMV-SPECIFIC CD4+CD137+IFN-γ+ T CELLS IN CMV-SERONEGATIVE INDIVIDUALS PROTECT FROM CMV VIREmia FOLLOWING TRANSPLANTATION WITH A CMV-SEROPOSITIVE KIDNEY
Nicolle Litjens; Ling Huang; Burc Dedeoglu; Ruud Meijers; Michiel Betjes
Erasmus Medical Center Rotterdam Internal Medicine, The Netherlands

PRE-TRANSPLANT CMV-SPECIFIC T-CELL IMMUNITY IS AN ADDITIONAL INDEPENDENT VARIABLE PREDICTING CMV INFECTION AFTER KIDNEY TRANSPLANTATION
Marta Jarque1; Elena Crespo1; Sergi Luque1; Edoardo Melilli2; Anna Manonelles3; Salvador Gil-Vernet4; Josep M Cruzado5; Josep M Grinyó6; Oriol Bestard2
1Experimental Nephrology Laboratory, IDIBELL. Barcelona, Spain; 2Kidney Transplant Unit, Nephrology Department, Bellvitge University Hospital. Barcelona, Spain

PROSPECTIVE RANDOMIZED TRIAL FOR PREDICTING CMV INFECTION ACCORDING TO BASELINE CMV-SPECIFIC T-CELL IMMUNITY IN KIDNEY TRANSPLANT PATIENTS
Marta Jarque1; Edoardo Melilli2; Alex Gutierrez3; Francesc Moreso4; Lluís Guirado5; Anna Manonelles2; Josep M Cruzado5; Sergi Luque1; Elena Crespo1; Pilar Arana1; Núria Montero2; Fritz Diekman4
1Experimental Nephrology Laboratory, Idibell. Barcelona, Spain; 2Kidney Transplant Unit, Bellvitge University Hospital. Barcelona, Spain; 3Kidney Transplant Unit, Hospital Miguel Servet. Zaragoza, Spain; 4Kidney Transplant Unit, Hospital Vall D’Hebrón. Barcelona, Spain; 5Kidney Transplant Unit, Fundació Puigvert. Barcelona, Spain; 6Kidney Transplant Unit, Hospital Clinic. Barcelona, Spain

THE EFFECT OF LOW-DOSE VERSUS STANDARD-DOSE VALGANCICLOVIR FOR PREVENTION OF CYTOMEGALOVIRUS DISEASE IN KIDNEY TRANSPLANT RECIPIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS
Seon Deok Hwang1; Seoung Woo Lee2; Moon Jae Kim2; Joon Ho Song2
1Inha University College of Medicine, Incheon, Republic of Republic of Korea Korea; 2Division of Nephrology and Hypertension, Department of Internal Medicine., Republic of Korea

COST BENEFIT OF CYTOMEGALOVIRUS DISEASE PREVENTION IN KIDNEY TRANSPLANT RECIPIENTS USING LOW DOSE VALGANCICLOVIR
Osama Gheith1; Medhat Abdul Halim2; Torki Al-Otaibi3; Hany Adel4; Ahemd Musaad5; Prasad Nair2
1Otc, Kuwait; 2Halim, Kuwait; 3Alotaibi, Kuwait
08.35  OS238  
IMMUNOLOGICAL SIGNS OF CYTOMEGALOVIRUS REINFECTION AFTER KIDNEY TRANSPLANTATION  
Maciej Zieleński; Agnieszka Tarasewicz; Hanna Zielinska; Magdalena Jankowska; Grazyna Moszkowska; Alicja Debska-Sliżien; Boleslaw Rutkowski; Piotr Trzonkowski  
1Medical University of Gdańsk, Department of Clinical Immunology and Transplantology, Poland; 2Medical University of Gdańsk, Department of Nephrology, Transplantology and Internal Diseases, Poland

08.42  OS239  
INCIDENCE OF CYTOMEGALOVIRUS DISEASE IN KIDNEY TRANSPLANT RECIPIENTS RECEIVING EVEROLIMUS AND REDUCED TACROLIMUS DOSES  
Juliana Bastos Campos; Vinicius Sardão Colares; Glaucio Da Silva Souza; Marcio Luiz De Souza; Paulo Rogerio De Rezende Moreira; Sebastião Ferreira; Guilherme Côrtes Fernandes; Gustavo Ferreira  
1Department of Nephrology - Hospital Universitário - Ufjf, Brazil; 2Kidney Transplant Unit - Santa Casa de Juiz de Fora, Brazil; 3Department of Epidemiology - Santa Casa de Juiz de Fora, Brazil

08.49  OS240  
HIGHER DEGREE OF CMV REACTIVATION IN CMV R+/IGRA- THAN R+/IGRA+ RENAL TRANSPLANT RECIPIENTS  
Grete Kro; Anders Åsberg; Halvor Rollag; Fredrik Müller; Anders Hartmann  
1Department of Transplantation Medicine Oslo University Hospital, Norway; 2Department of Transplantation Medicine, Section of Nephrology, Oslo University Hospital, Rikshospita, Norway; 3Institute of Clinical Medicine, University of Oslo and Department of Microbiology, Oslo University Ho, Norway

08.00 – 09.00  Room 122  
08.00  OS28  
Intestinal transplants  
Chair(s): Herold Metselaar, Rotterdam, The Netherlands; Diethard Monbaliu, Leuven, Belgium

08.07  OS242  
DONOR-SPECIFIC HLA ANTIBODIES AFTER COMBINED INTESTINAL AND VASCULARISED COMPOSITE ALLOTRANSPLANTATION  
Annemarie Weissenbacher; Georgios Vrakas; Mian Chen; Martin Barnardo; Srikanth Reddy; Peter Friend; Susan Fuggle  
Oxford Transplant Centre, United Kingdom

08.14  OS243  
TRANILAST PRE-TREATMENT ATTENUATES INTESTINAL ISCHEMIA REPERFUSION INJURY  
Emilio Canovai; Laurens Ceulemans; Tim Vanuytsel; Gert De Hertogh; Ricard Farré; Jacques Pirenne  
1University Hospitals Leuven, Belgium; 2KU Leuven, Belgium

08.21  OS244  
INTESTINAL TRANSPLANTATION FOR ADULTS IS LESS EXPENSIVE COMPARED TO LONG-TERM HOME PARENTERAL NUTRITION  
Emilio Canovai; Laurens Ceulemans; Guido Peers; Lutgart De Pourcq; Marleen Pijpops; Marguerite Stas; Gert De Hertogh; Martin Hiele; Tim Vanuytsel; Jacques Pirenne  
University Hospitals Leuven, Belgium
08.28  **OS245**  
**INTESTINAL TRANSPLANTATION IS COST EFFECTIVE IN THE TREATMENT OF COMPLICATED INTESTINAL FAILURE**  
Emilio Canovai; Laurens Ceulemans; Guido Peers; Lutgert De Pourcq; Marleen Pijpops; Marguerite Stas; Ilse Hoffman; Gert De Hertogh; Martin Hiele; Tim Vanuytsel; Jacques Pirenne  
University Hospitals Leuven, Belgium

08.35  **OS246**  
**BELATACEPT AND BASILIXIMAB MAINTENANCE IN INTESTINAL TRANSPLANTATION**  
Georgios Vrakas; Annemarie Weissenbacher; Mian Chen; Philip Allan; Susan Fuggle; Srikant Reddy; Peter Friend  
Oxford University Hospitals, United Kingdom

08.42  **OS247**  
**LONG-TERM OUTCOME OF RENAL FUNCTION AFTER ADULT INTESTINAL TRANSPLANT AT SMALL VOLUME SINGLE CENTRE: INCLUDING TWO-CASES OF RENAL TRANSPLANT**  
Jeongkye Hwang1; HyeKyung Chang2; Kyungjae Ko3; Mi-Hyeong Kim4; Jaewoo Park1; Kyunghye Kwon1; Jill Kim5; SangIl Kim6; Myung-Duk Lee1; In Sung Moon2  
1The Catholic University of Korea, Daejeon St. Mary's hospital, Republic of Korea; 2The Catholic university, Yeouido St.Mary's Hospital, Republic of Korea; 3The Catholic University, Seoul St Mary’s Hospital, Republic of Korea; 4The Catholic university, St. Paul Hospital, Republic of Korea; 5The Catholic University, Uijeongbu St.Mary's Hospital, Republic of Korea; 6The Catholic University, Seoul St.Mary’s Hospital, Internal Medicine, Republic of Korea

08.49  **OS248**  
**MULTIVISCERAL TRANSPLANTATION: THE FIRST CZECH EXPERIENCE WITH 6 CASES**  
Jiri Fronek1; Libor Janousek1; Pavel Trunecka2; Eva Kieslichova3; Martin Oliverius4; Eva Honsova4; Petr Wohl5; Michal Kudla1  
1Transplant Surgery Department, Institute for Clinical and Experimental Medicine (IKEM) Prague, Czech Republic; 2Hepatology Department, Institute for Clinical and Experimental Medicine (IKEM) Prague, Czech Republic; 3Department of Anesthesia and Intensive Care, Institute for Clinical and Experimental Medicine (IKEM), Czech Republic; 4Pathology Department, Institute for Clinical and Experimental Medicine (IKEM) Prague, Czech Republic; 5Diabetes Department, Institute for Clinical and Experimental Medicine (IKEM) Prague, Czech Republic

08.00 – 09.00  **OS29**  
**HEPATOCELLULAR CARCINOMA AND LIVER TRANSPLANTATION**  
*Chair(s): Marina Berenguer, Valencia, Spain; Jan Lerut, Leuven, Belgium*

08.00  **OS249**  
**INTENTION-TO-TREAT SURVIVAL BENEFIT SELECTS PATIENTS WITH HEPATOCELLULAR CANCER WAITING FOR LIVER TRANSPLANTATION**  
Quirino La1; Alessandro Vitale2; Samuele Lesari2; Armin Finkenstedt4; Fabio Melandro5; Gabriele Spoletini6; Maria Hoppe-Lotichius7; Giovanni B. Levi Sandri8; Tommaso M. Manzia9; Daniele Nicolini10; Alfonso W. Avolio11; Umberto Cillo12; Ivo Graziai13; Massimo Rossi14; Emmanouil Tschochatzis15; Gerd Otto16; Giuseppe M. Ettorre17; Giuseppe Tisone18; Marco Vivarelli19; Salvatore Agnes20; Jan Lerut3  
1Catholic University of Louvain, Belgium; 2University of Padua, Italy; 3UCL Brussels, Belgium; 4Innsbruck Medical University, Austria; 5Sapienza University, Italy; 6Royal Free Hospital, United Kingdom; 7University of Mainz, Germany; 8San Camillo Hospital, Italy; 9Tor Vergata University, Italy; 10Ancona University, Italy; 11Catholic University, Italy; 12Padua University, Italy; 13Academic Teaching Hospital, Hall, Tirol, Austria

08.07  **OS250**  
**TREATMENT OF POST-LIVER TRANSPLANT ACUTE REJECTION AND HEPATOCELLULAR CANCER RECURRENCE: AN UNTOLD STORY**  
Quirino La1; Armin Finkenstedt2; Maria Hoppe Lotichius2; Samuele Lesari3; Ivo Graziai3; Gerd Otto4; Jan Lerut4  
1Catholic University of Louvain, Belgium; 2Innsbruck University, Austria; 3Main University, Germany; 4UCL Brussels, Belgium; 5Academic Teaching Hospital, Hall, Tirol, Austria; 6Mainz University, Germany
08.14  **OS251**  
**LIVING DONOR APOLT-ALPPS FOR IRRESECTABLE COLORECTAL LIVER METASTASES: THE LIVING DONOR RAPID PROCEDURE**  
Silvio Nadalin; Silke Templin; Ivan Capobianco; Hans-Georg Kopp; Lars Zender; Arnold Radtke; Bence Sipos; Alfred Königsrainer  
University Hospital Tübingen, Germany

08.21  **OS252**  
**LIVER TRANSPLANTATION FOR HEPATOCELLULAR CARCINOMA IN NON-ALCOHOLIC STEATOHEPATITIS (NASH) COMPARED TO NON-NASH PATIENTS**  
Erin Sadler; Neil Mehta; Manamtha Bhat; Anand Ghanekar; Paul Greig; David Grant; Francis Yao; Gonzalo Sapisochin  
1Multi-Organ Transplant Program, University Health Network; Division of General Surgery, University of Toronto, Canada; 2University of California San Francisco; Department of Gastroenterology, United States; 3Multi-Organ Transplant Program, University Health Network; Division of Gastroenterology, University, Canada

08.28  **OS253**  
**A RANDOMIZED, MULTICENTER, OPEN-LABEL PHASE 3 TRIAL OF SIROLIMUS IN LIVER TRANSPLANTATION WITH HEPATOCELLULAR CARCINOMA: MULTIVARIATE ANALYSIS OF FACTORS INFLUENCING OVERALL SURVIVAL**  
Andreas Schnitzbauer; Natalie Filmann; Hans Schlitt; Edward K. Geissler  
1Frankfurt University Clinic, Goethe-University Frankfurt, Germany; 2Institute for Biometrics and Mathematical Modelling, Frankfurt University Clinic, Goethe-University, Germany; 3Regensburg University Clinic, Department for Surgery, Germany

08.35  **OS254**  
**COMBINING 18F-FDG PET WITH SEROLOGIC MARKERS OF BIOLOGIC TUMOR AGGRESSIVENESS IDENTIFIES SUITABLE LIVER TRANSPLANT PATIENTS WITH ADVANCED HEPATOCELLULAR CARCINOMA**  
Arno Kornberg; Ulrike Witt; Jennifer Kornberg; Katharina Müller; Helmut Friess; Katharina Thrum  
1TU Munich, Klinikum rechts der Isar, Department of Surgery, Germany; 2TU Munich, Department of Surgery, Germany; 3LMU Munich, Department of Anesthesiology, Germany; 4FSU Jena, Germany; 5Klinikum Helios Berlin, Institute of Pathology, Germany

08.42  **OS255**  
**SAFETY OF INTRAOPERATIVE BLOOD SALVAGE DURING LIVER TRANSPLANTATION IN PATIENTS WITH HEPATOCELLULAR CARCINOMA: SYSTEMATIC REVIEW AND META-ANALYSIS**  
Beatrice Meijer; Vera Rutten; Virginia Aijtink; Irene Scalera; Vassil Mihaylov; Katriina Heikila; Liset Pengel; Thamara Perera; Hermien Hartog  
1Erasmus Medical Center, Rotterdam, The Netherlands; 2Liver Unit, Queen Elizabeth Hospital Birmingham, Birmingham, United Kingdom; 3London School of Hygiene and Tropical Medicine, London, United Kingdom; 4Center of Evidence in Transplantation, The Royal College of Surgeons of England, London, United Kingdom

08.49  **OS256**  
**PREDICTORS OF OUTCOMES AFTER WAITING LIST DROP-OUT DUE TO HCC PROGRESSION: A SINGLE CENTRE RETROSPECTIVE STUDY**  
Roizar Rosales; Erin Sadler; Ramraj Rajakumar; Gonzalo Sapisochin  
1Multi-Organ Transplant Program, University Health Network, Canada; 2Multi-Organ Transplant Program, University Health Network, Division of General Surgery, University of Canada
08.00  
**OS257**

**GENERATION AND TRANSPLANTATION OF BIOENGINEERED BILIARY TISSUE FOR REPAIR AND REPLACEMENT OF THE EXTRAHEPATIC BILIARY TREE**

Fotios Sampaziotsis\(^1\); Alexander Justin\(^2\); Olivia Tysoe\(^3\); Stephen Sawiak\(^4\); Edmund Godfrey\(^5\); Sara Uppton\(^6\); Miguel Cardoso de Brito\(^7\); Athina Markaki\(^8\); Ludovic Vallier\(^9\); Kourosh Saeb-Parsy\(^10\)

\(^1\)Department of Surgery, University of Cambridge, Cambridge, UK, United Kingdom; \(^2\)Department of Engineering, University of Cambridge, United Kingdom; \(^3\)University of Cambridge, United Kingdom; \(^4\)Cambridge University Hospitals NHS Foundation Trust, United Kingdom; \(^5\)Cambridge Stem Cell Institute, United Kingdom

08.07  
**OS258**

**VASCULARIZED COMPOSITE ALLOGRAFT (VCA) DONATION AND TRANSPLANTATION: A SURVEY OF PUBLIC ATTITUDES IN THE UNITED STATES**

James Rodrigue\(^1\); David Tomich\(^2\); Aaron Fleishman\(^3\); Alexandra Glazier\(^4\)

\(^1\)Harvard Medical School, United States; \(^2\)Beth Israel Deaconess Medical Center, United States; \(^3\)New England Donor Services, Inc., United States

08.14  
**OS259**

**THE INTERNATIONAL REGISTRY ON HAND AND COMPOSITE TISSUE ALLOTRANSPLANTATION (IRHCTT)**

Palmina Petruzzo\(^1\); Claudia Sardu\(^2\); Marco Lanzetta\(^3\); Jean Michel Dubernard\(^4\)

\(^1\)Hopital Edouard Herriot, Lyon France, France; \(^2\)Department of Public Health, University of Cagliari, Italy; \(^3\)Italian Institute of Hand Surgery, Monza, Italy; \(^4\)Dept of Transplantation, Hopital Edpueard Herriot, Lyon, France

08.21  
**OS260**

**DIFFERENCES IN THE ENGRAFTMENT AND SURVIVAL OF TOLERANCE INDUCING HUMAN HEMATOPOIETIC CHIMERIC CELLS FOLLOWING INTRAVENOUS AND INTRAOSSEOUS CELL DELIVERY**

Maria Siemionow; Ewa Bryndza T乏力; Joanna Cwykiel; Safak Uygur; Erzsebet Szilagyi

University of Illinois at Chicago, United States

08.28  
**OS261**

**THE INTRAGRAFT VASCULARIZED BONE MARROW COMPONENT AND RECIPIENT T REGULATORY CELLS FACILITATE TOLERANCE INDUCTION AFTER POST TRANSPLANT HIGH DOSE CYCLOPHOSPHAMIDE TREATMENT IN VCA**

Georg Furtmüller\(^1\); Byoungchol Oh\(^1\); Madeline Fryer\(^2\); Sudipto Ganguly\(^2\); Veronika Malek\(^1\); Xianyu Zhou\(^1\); Giorgio Raimondi\(^2\); Jeffrey Dodd-o\(^1\); Damon Cooney\(^1\); Cory Brayton\(^1\); W.P. Andrew Lee\(^1\); Leo Luznik\(^1\); Gerald Brandacher\(^1\)

\(^1\)Johns Hopkins University School of Medicine, United States; \(^2\)Harvard Medical School, United States

08.35  
**OS262**

**ACHIEVING INDEFINITE VASCULARIZED ALLOGRAFT SURVIVAL USING REPEATED INTRA-GRAFT INJECTIONS OF AN INFLAMMATION-RESPONSIVE HYDROGEL FOR TACROLIMUS DELIVERY**

Dzhuliya Dzhonova\(^1\); Adriano Taddeo\(^2\); Olariu Radu\(^2\); Jonathan Leckenby\(^3\); Jean-Christophe Prost\(^4\); Michael Hayoz\(^5\); Ashish Dhayani\(^6\); Yara Banz\(^7\); Praveen Vemula\(^6\); Esther Voegelin\(^6\); Robert Rieben\(^1\)

\(^1\)Department of Clinical Research, University of Bern, Bern, Switzerland; \(^2\)Plastic, Reconstructive and Hand Surgery, Inselspital, University of Bern, Bern, Switzerland; \(^3\)University Institute of Clinical Chemistry, Inselspital, Bern University Hospital, University of Ber, Switzerland; \(^4\)Institute for Stem Cell Biology and Regenerative Medicine, Bangalore, India; \(^5\)Institute of Pathology, University of Bern, Bern, Switzerland
OS263  
MUSCLE FUNCTION RESTORATION FOLLOWING TRANSPLANTATION OF CHIMERIC CELLS OF MYOBLAST AND MESENCHYMAL STEM CELL ORIGIN
Maria Siemionow; Joanna Cwykiel; Anna Domaszewska-Szostek; Ahlke Heydemann; Jesús García-Martínez; Erzsébet Szilágyi
University of Illinois at Chicago, United States

OS264  
INDUCED PLURIPOTENT STEM CELL (IPS) DERIVED SCHWANN CELLS TO ENHANCE FUNCTIONAL RECOVERY FOLLOWING NERVE INJURY AND LIMB ALLOTRANSPLANTATION
Barbara Kern1; Karim Sarhane2; Zuhaib Ibrahim2; Bipasha Mukherjee-Clavin2; Chris Cashman2; Kellin Knick2; WP Andrew Lee2; Hai-Quan Mao2; Gabsang Lee2; Gerald Brandacher2
1Medical University of Innsbruck, Austria; 2Johns Hopkins University, United States

Brief oral sessions

BOS24  Living liver donation
CHAIR(s): Helena Isoniemi, Helsinki, Finland

BOS319  TRANSPLANTATION OF LIVERS RECOVERED AFTER EUTHANASIA: A SINGLE CENTRE EXPERIENCE
Nicholas Gilbo1; Chris Verstype2; Wim Laleman2; Schalk van der Merwe3; David Cassiman2; Frederik Nevens2; Mauricio Sainz-Barriga4; Ina Jochemans4; Jacques Pirene2; Diethard Monbaliu2
1Abdominal Transplantation Surgery - University Hospitals Leuven, Belgium; 2University Hospitals of Leuven, Belgium

BOS320  SIGNIFICANCE OF PROPER GRAFT SELECTION ON ADULT LIVING DONOR LIVER TRANSPLANT RECIPIENTS WITH PREOPERATIVE DETERIORATED CONDITION
Taku Iida; Koji Masuda; Takehisa Matsuyama; Shunpei Harada; Tsukasa Nakamura; Katsuhiko Koshino; Shuji Nobori; Hidetaka Ushigome; Norio Yoshimura
Kyoto Prefectural University of Medicine, Japan

BOS321  GRAFT SELECTION STRATEGY IN ADULT-TO-ADULT LIVING DONOR LIVER TRANSPLANTATION: WHEN BOTH HEMI-LIVER GRAFTS MEET VOLUMETRIC CRITERIA
Takeshi Kurihara1; Tomoharu Yoshizumi2; Shinji Itoh2; Norifumi Harimoto2; Noboru Harada2; Toru Ikegami2; Hideaki Uchiyama1; Yuji Soejima2; Yoshihiko Maehara2
1Department of Surgery and Science Graduate School of Medical Sciences Kyushu University, Japan; 2Department of Surgery and Science, Graduate School of Medical Sciences, Kyushu University, Japan

BOS322  LIVER TRANSPLANT USING LIVING DONORS WITH SICKLE CELL TRAIT
Hussien Elsely1; Faisal Abaalkhail2; Mark Sturdavant2; Han Elbeshbeshi2; Waleed Al-Hamoudi2; Ahmed Jaafar2; Mohamed Alsebayel2
1King Faisal Specialist Hospital, Saudi Arabia; 2King Faisal Specialist Hospital & Research Center, Saudi Arabia

BOS323  THE OUTCOME OF LIVING DONOR DOMINO LIVER TRANSPLANTATION USING FAMILIAL AMYLOID POLYNEUROPATHY GRAFTS
Hidekazu Yamamoto; Yasuko Naita; Keiichi Uto; Shintaro Hashimoto; Masataka Sakisaka; Shintaro Hayashida; Yuki Oya; Yoshihiko Sugawara; Yukihiro Inomata
Kumamoto University, Japan

BOS324  FRENCH LIVER DONOR RISK INDEX
Carine Jasseron; Louise Durand; Camille Legeai; Régis Bronchard; Corinne Antoine
Agence de la Biomédecine, France
08.24  **BOS325**  
**DECISION AMBIVALENCE IN DIFFERENT TYPE OF POTENTIAL LIVING LIVER DONORS DURING ASSESSMENT**  
Li-Chueh Weng¹; Wei-Chen Lee²; Hsiuli Huang³  
¹Chang Gung University, Taiwan; ²Chang Gung Memorial Hospital, Taiwan; ³National Taipei University of Nursing and Health Science, Taiwan  

08.28  **BOS326**  
**LAPAROSCOPIC APPROACH FOR LIVING DONOR TO PAEDIATRIC LIVER TRANSPLANTATION: EXPERIENCE OF THE FIRST 5 CASES IN SPAIN**  
Javier Briceno; Ruben Ciria; Pedro Lopez-Cillero; Maria Dolores Ayllon; Irene Gomez-Luque; Antonio Luque; Alvaro Arjona; Juan Manuel Sanchez; Sebastian Rufian; Jesus Jimenez  
University Reina Sofia Hospital, Spain  

08.32  **BOS327**  
**COMBINED LIVER-KIDNEY TRANSPLANTATION : A SINGLE CENTER EXPERIENCE**  
Rosana Gelpi; Vicenç Torregrossa; Jordi Colmenero; Fritz Diekmann; Nuria Esforzado  
Hospital Clinic Barcelona, Spain  

08.36  **BOS328**  
**RIGHT POSTERIOR SEGMENT GRAFT IN ADULT LIVING DONOR LIVER TRANSPLANTATION: A SINGLE-CENTRE EXPERIENCE**  
Kohei Miura¹; Koushi Uchida¹; Seiichi Kawabata¹; Daiki Yoshii¹; Kaori Isoho¹; Shintaro Hayashida¹; Yuki Ohya¹; Hidekazu Yamamoto¹; Takashi Kobayashi¹; Toshifumi Wakai¹; Yasuhiro Sugawara¹; Yukihiro Inomata¹  
¹Department of Transplantation and Pediatric Surgery, Postgraduate School of Medical Science, Kumamoto, Japan; ²Division of Digestive and General Surgery, Niigata University Graduate School of Medical and Dental, Japan  

08.40  **BOS329**  
**THE MEANING OF BEING A LIVING DONOR (KIDNEY, LIVER AND STEM-CELLS) – A META SYNTHESIS**  
Annika Kisch¹; Anna Forsberg²; Isabell Fridh³; Annette Lennerling⁴  
¹Dept. of Hematology, Lunds University Hospital, Sweden; ²University of Lund, Institute of Health Sciences, Sweden; ³Borås University, Institute of Health Sciences, Sweden; ⁴Dept. of Transplantation, Sahlgrenska University Hospital, Sweden  

08.44  **BOS330**  
**COMPARATIVE STUDY OF PURE LAPAROSCOPIC LIVING DONOR RIGHT HEPATECTOMY VERSUS CONVENTIONAL OPEN LIVING DONOR RIGHT HEPATECTOMY**  
Hwui-Dong Cho; Ki-Hun Kim; Shin Hwang; Chul-Soo Ahn; Deok-Bog Moon; Tae-Yong Ha; Gi-Won Song; Dong-Hwan Jung; Gil-Chun Park; Sung-Gyu Lee; Woo-Hyoung Kang; Seok-Hwan Kim; Jae-Hyun Kwon; Eun-Kyung Jwa; Su-Min Ha; Yong-Kyu Jung; Ji-Hyun Seo  
Asan Medical Center, Republic of Korea  

08.00 – 09.00 **BOS25 Histocompatibility**  
Chair(s): Caner Süsal, Heidelberg, Germany  

08.00  **BOS333**  
**SIGNIFICANCE OF C3D BINDING DONOR SPECIFIC ANTIBODIES PERSISTING SHORT TERM AFTER KIDNEY TRANSPLANTATION**  
Eun-Suk Kang¹; Soo In Cho²; Kyo Won Kee²; Jae Bem Park²; Sung Joo Kim²; Hye Ryon Jang²; Wooseong Huh²; Dae Joong Kim²; Yoon Goo Kim²; Ha-Young Oh²  
¹Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea; ²Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea
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<tr>
<th>Time</th>
<th>Session ID</th>
<th>Title</th>
<th>Authors</th>
<th>Affiliations</th>
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<tr>
<td>08.04</td>
<td>BOS334</td>
<td>HLA-DR MISMATCH IMPACTS LONG-TERM MORTALITY AFTER HEART TRANSPLANTATION</td>
<td>Cristiano Amarelli1; Francesco Cacciatore2; Gianpaolo Romano1; Fabio Ursomando2; Andrea Petraio3; Antonio Carozza4; Claudio Marra4; Irene Mattucci5; Chiara Sabia6; Claudio Napoli6; Ciro Maiello1</td>
<td>1Monaldi Az dei Colli, Italy; 2University of Campania, Luigi Vanvitelli, Italy</td>
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<td>08.08</td>
<td>BOS335</td>
<td>PREVALENCE AND IMPACT OF HLA ALLOANTIBODIES IN LIVER TRANSPLANTATION IN THE 1ST AND 5TH YEAR A SINGLE CENTRE EXPERIENCE</td>
<td>Marianthi Papachristou1; Asimina Fylaktou2; Ioannis Fouzas2; Maria Ntaountaki3; Evaggelos Chologitas4; Theodoros Karpamataki5; Charalampos Zarras6; Lampros Vagiotas7; Anna Boukla8; Vasileios Papanikolaou9</td>
<td>1National Peripheral Histocompatibility Centre, Hippokration G. H, Thessaloniki, Greece; 2Solid Organ Transplantation Centre, Aristotle Univ. of Thessaloniki Medical School, Hippokrat, Greece; 3Biochemistry Laboratory, Aristotle Univ. of Thessaloniki Medical School, Greece; 44th Internal Medicine Dept, Aristotle Univ. of Thessaloniki Medical School, Hippokratio, Greece</td>
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<td>08.12</td>
<td>BOS336</td>
<td>STRATEGIES ENABLING CROSS-MATCH POSITIVE PAEDIATRIC HLA-ANTIBODY INCOMPATIBLE RENAL TRANSPLANTATION</td>
<td>Anna M Adamusiak1; Jelena Stojanovic2; Olivia Shaw2; Neil Sebire2; Nicos Kessaris3; Stephen Marks4; Nizam Mamode5</td>
<td>1Guy’s Hospital, United Kingdom; 2Great Ormond Street Hospital, United Kingdom</td>
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<td>08.16</td>
<td>BOS337</td>
<td>PRE-EXISTING ANTIBODIES IN KIDNEY TRANSPLANTATION</td>
<td>Alexey Zulkarnaev; Andrey Vatazin</td>
<td>Moscow Regional Research and Clinical Institute, Russian Federation</td>
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<td>08.20</td>
<td>BOS338</td>
<td>IGG SUBTYPES IDENTIFIED BY A FLOW CROSSMATCH ASSAY INCREASES SUCCESSFUL TRANSPLANTS IN SENSITIZED RECIPIENTS</td>
<td>Prakash Rao1; Dayanand Deo1; David Baran1; Mark Zucker1; Jesus Almendral1; Shamkant Mulgaonkar4</td>
<td>1NJ Sharing Network, United States; 2Newark Beth Israel Medical Center, United States; 3Robert Wood Johnson University Hospital, United States; 4Barnabas Health, United States</td>
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<td>08.24</td>
<td>BOS339</td>
<td>THE IMPACT OF TRANSPLANT NEPHRECTOMY AND IMMUNOSUPPRESSION CESSATION ON HLA SENSITISATION: A RETROSPECTIVE ANALYSIS</td>
<td>Ailish Nimmo; Sophie McIntyre; Lorna Henderson; Richard Battle</td>
<td>Royal Infirmary of Edinburgh, United Kingdom</td>
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<td>08.28</td>
<td>BOS340</td>
<td>DSA STRENGTH ASSESSMENT IMPROVES RISK STRATIFICATION IN KIDNEY TRANSPLANTATION</td>
<td>Liesbeth Daniëls1; Aleksandar Senev1; Melanny Hidayat1; Maarten Naesens2; Marie-Paule Emonds1</td>
<td>1Red Cross - Flanders, Belgium; 2Department of Nephrology and Renal Transplantation, University Hospitals Leuven, Belgium</td>
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<td>08.32</td>
<td>BOS341</td>
<td>KIDNEY TRANSPLANTATION IN HYPERSENSITIZED PATIENTS WITH AND WITHOUT CIRCULATING PREFORMED DONOR SPECIFIC ANTIBODIES</td>
<td>Maria Darema1; Angeliki Vittoraki2; Christina Melexopoulou2; Pavlina Markaki2; Niki Chouliari2; Smaragdi Marinaki1; George Liapis1; Aliki Iniotaki1; John Boletis1</td>
<td>1Nephrology Department and Renal Transplantation Unit, Laiko Hospital, National and Kapodistrian Univ, Greece; 2National Tissue and Typing Center G.Gennimatas Hospital, Greece; 3Dept of Pathology, Medical School University of Athens, Laiko Hospital, Greece</td>
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08.36  **BOS342**  
FULLY CHIMERIC DNA MATCHING KIDNEY TRANSPLANT WITHOUT IMMUNOSUPPRESSION FOLLOWING BONE MARROW TRANSPLANT  
Isa Salmi; Abdelmassih Youssef  
Renal Medicine Department Royal Hospital, Oman

08.40  **BOS343**  
DEVELOPMENT OF SINGLE MOLECULE REAL TIME SEQUENCING OF THE HLA GENOME FOR IMPROVED HIGH-RESOLUTION HLA GENOTYPING  
Vicky Van Sandt¹; Aleksandar Senev¹; Johan Kerkhofs¹; Matthew Hestand²; Joris Vermeesch²; Maarten Naesens²; Marie-Paule Emonds¹  
¹Red Cross-Flanders, Belgium; ²KU Leuven, Belgium

08.44  **BOS344**  
GOOD GRAFT OUTCOME IN KIDNEY TRANSPLANTED PATIENTS WITH PREFORMED DONOR SPECIFIC ANTIBODIES AND NEGATIVE FLOW CYTOMETRIC CROSSMATCHES  
Antonina Piazza¹; Elvira Poggi²; Giuseppina Ozzella¹; Annarita Manfreda¹; Lucia Spano²; Antonio Bianculli¹; Silvia Sinopoli²; Damiano Colasante²; Maria Rosaria Fazio²; Paolo De Paolis¹; Giuseppe Iaria¹; Luca Dello Strologo³  
¹National Council of Researches, IFT Unit of Rome S. Camillo Hospital - Regional Transplant Center of, Italy; ²Regional Transplant Center of Lazio, Rome, Italy; ³Unit of Nephrology, Dialysis, and Transplantation - S. Camillo Hospital Rome, Italy; ⁴Transplant Surgery, “Tor Vergata” University, Rome, Italy; ⁵Nephrology Unit, Department of Pediatrics, Institute for Scientific Research, Bambino Gesù Children, Italy

08.48  **BOS345**  
STANDARD LOW-RESOLUTION HLA GENOTYPING OF DONORS IS NOT SUFFICIENT FOR EVALUATING THE RISK OF SEVERE ANTIBODY-MEDIATED KIDNEY ALLOGRAFT REJECTION  
Aleksandar Senev¹; Vicky Van Sandt¹; Liesbeth Daniëls¹; Maarten Naesens²; Marie-Paule Emonds¹  
¹Red Cross - Flanders, Belgium; ²Department of Nephrology and Renal Transplantation, University Hospitals Leuven, Belgium

08.52  **BOS346**  
KIDNEY TRANSPLANTATIONS ACROSS IMMUNOLOGIC BARRIERS  
Sung-Jin Chun  
Asan Medical Centre, Republic of Korea

08.00 – 09.00  **BOS26**  
Metabolic and other complications after kidney transplantation (1)  
Chair(s): Thomas Fehr, Zurich, Switzerland; David Agoston Kovacs, Hungary

08.00  **BOS347**  
POST-TRANSPLANT SERUM ALBUMIN LEVELS PREDICT BOTH GRAFT FAILURE AND MORTALITY BETTER THAN PRE-TRANSPLANT ALBUMIN LEVELS IN KIDNEY TRANSPLANT RECIPIENTS  
Hee Jung Jeon; Dong Ho Shin; Jieun Oh  
Hallym University Kangdong Sacred Heart Hospital, Republic of Korea

08.04  **BOS348**  
EFFECT OF NEW ONSET DIABETES AFTER RENAL TRANSPLANTATION ON CARDIOVASCULAR DISEASE AND MORTALITY  
Tolga Yildirim¹; Emine Merve Savas²; Ugur Unluturk¹; Nesrin Damla Eyupoglu²; Cemile Selimova²; Rahmi Yilmaz³; Miyase Bayraktar³; Yunus Erdem³  
¹Hacettepe University Medical Faculty Nephrology Department, Turkey; ²Hacettepe University Medical Faculty Internal Medicine Department, Turkey; ³Hacettepe University Medical Faculty Endocrinology and Metabolism Department, Turkey
08.08  **BOS349**

**NEW MARKERS IN ASSESSING CARDIOVASCULAR RISK PROFILE IN KIDNEY TRANSPLANT WOMEN**

Marilù Bartiromo¹; Angela Becorpi²; Maria Boddi²; Tommaso Bocci¹; Emilia Donnarumma¹; Michela Cirillo¹; Cinzia Fatini³; Eugenio Enrico Minetti³

¹AOU Careggi, Italy; ²Université of Florence, Italy; ³University of Florence, Italy; ⁴AOU Careggi, Italy

08.12  **BOS350**

**THE PREVALENCE AND TREATMENT OF HYPERTENSION IN HEMODIALYSIS PATIENTS AND KIDNEY TRANSPLANT RECIPIENTS IN 2014/2016**

Piotr Skonieczny¹; Zbigniew Heleniak²; Marek Karowiec²; Monika Michalcuk²; Marta Ksiązek²; Bartosz Pakuta³; Izabella Kuźniuk-Glembin³; Przemysław Rutkowski³; Leszek Tylicki³; Alicja Dębska-Sliżier³

¹Department of Nephrology, Transplantology and Internal Medicine, Department of Physiology, Medical U, Poland; ²Department of Nephrology, Transplantology and Internal Medicine, Medical University of Gdańsk, Poland; ³Department of General Nursery, Medical University of Gdańsk; Diaverum Poland, Poland

08.16  **BOS351**

**A SUCCESSFUL APPROACH TO KIDNEY TRANSPLANTATION IN PATIENTS WITH ENTERIC (SECONDARY) HYPEROXALURIA**

Joke Roodnat¹; Anneke ME de Mik-van Egmond¹; Wesley Visser¹; Stefan P Berger²; Wilbert AG van der Meijden²; Felix Knauf²; Madelon van Agteren³; Michiel GH Betjes³; Ewout J Hoorn³

¹Erasmus Medical Center, The Netherlands; ²Department of Internal Medicine, University Medical Center Groningen, The Netherlands; ³Department of Internal Medicine, Radboud University Medical Center, The Netherlands; ⁴Department of Nephrology and Hypertension, Friedrich-Alexander-Universitität Erlangen-Nürnberg, Germany

08.20  **BOS352**

**PLASMA LEVELS OF N-6 AND TRANS FATTY ACIDS AND INFLAMMATION EARLY AFTER RENAL TRANSPLANTATION**

Joe Chan¹; Ivar A. Eidé²; Anders Åsberg³; Thor Ueland³; Tom Eirk Mollnes⁴; Anupam Chandra⁴; Anders Hartmann³; Kristian S. Bjerve³; Jeppe H. Christensen⁵; Erik B. Schmidt⁶; Trond Jenessen⁶; My Svensson³

¹Akershus University Hospital, Norway; ²Department of Transplant Medicine, Section of Nephrology, Oslo University Hospital, Rikshospitalet, Norway; ³The Norwegian Renal Registry, Oslo University Hospital, Rikshospitalet, Norway; ⁴The Research Institute of Internal Medicine, Oslo University Hospital, Rikshospitalet, Norway; ⁵Institute of Immunology, Faculty of Medicine, University of Oslo, Norway; ⁶Department of Laboratory Medicine, Children’s and Women’s Health, Norwegian University of Science an, Norway; ⁷Department of Nephrology, Aalborg University Hospital, Aalborg, Denmark; ⁸Department of Cardiology, Aalborg University Hospital, Aalborg, Denmark

08.24  **BOS353**

**TRANSPLANTABILITY EVALUATION IN HIGH RISK PATIENTS WITH END STAGE RENAL DISEASE ENROLLED IN THE WAITING LIST OF KIDNEY TRANSPLANTATION. AN OBSERVATIONAL COHORT STUDY**

Andrea Andrade Izquierdo; Vivian L Onusic; Jose Otto Jr Reusing; Francine BC Lemos; Flavio J De Paula; William C Nahas; Elias David-Neto

Renal Transplantation Unit, Hospital das Clinicas, University of São Paulo School of Medicine, São Paulo, Brazil

08.28  **BOS354**

**PREVALENCE AND IMPACT OF POST-TRANSPLANT ANEMIA IN JAPANESE KIDNEY TRANSPLANT RECIPIENTS: THE JAPAN ACADEMIC CONSORTIUM OF KIDNEY TRANSPLANTATION STUDY**

Masayoshi Okumi¹; Yasuhiro Okabe²; Kohei Unagami²; Yoichi Kakuta¹; Kosuke Masutani²; Hideki Ishida²; Masahumi Nakamura²; Kazunari Tanabe¹

¹Tokyo Women's Medical University, Japan; ²Kyushu University, Japan; ³Fukuoka University, Japan
BOS355
THE IMPACT OF CHANGES IN BODY MASS INDEX ON CARDIOVASCULAR OUTCOMES IN KIDNEY TRANSPLANT RECIPIENTS
Eun Song Lee; Ryang Hi Kim; Sang Mi Park; Jung Hwa Park; Kyung Hee Lee; Jeong-Hoon Lim; Kyu Yeun Kim; Hee-Yeon Jung; Ji-Young Choi; Sun-Hee Park; Yong-Lim Kim; Chan-Duck Kim; Jang-Hee Cho
Kyungpook National University Hospital, Republic of Korea

BOS356
PRE- AND POST-TRANSPLANT SERUM ALKALINE PHOSPHATASE PREDICTS GRAFT FAILURE AND MORTALITY IN KIDNEY TRANSPLANT RECIPIENTS
Jung Pyo Lee¹; Yon Su Kim²; Young Hoon Kim³
¹Seoul National University, Republic of Korea; ²Seoul National University College of Medicine, Republic of Korea; ³Asan Medical Center and University of Ulsan College of Medicine, Republic of Korea

BOS357
ESTIMATED GLOMERULAR FILTRATION RATE IS NOT RELIABLE IN KIDNEY TRANSPLANT RECIPIENTS WITH ADVANCED GRAFT FAILURE
Spela Borstnar; Jelka Lindič; Andrej Skoberne; Luka Lezaič; Aljaz Sočan; Aljosa Kandus; Damjan Kovač
University Medical Centre Ljubljana, Slovenia

BOS358
ASSOCIATION BETWEEN MATRIX-GLA PROTEIN AND AORTIC STIFFNESS IN KIDNEY TRANSPLANTATION
Miriana Dinic¹; Nicolas Maillard²; Pierre Delanaye²; Jean-Marie Krzesinski³; Annie Saint-Remy³; Etienne Cavalier³; Christophe Mariat³
¹CHU Nord, Saint Etienne, France; ²CHU Sart Tilman, Liège, Belgium

BOS359
TEMPORAL VARIATIONS IN THE IMPACT OF COMORBIDITY ON SURVIVAL AFTER RENAL TRANSPLANTATION
Diana Wu; Gabriel Oniscu
Transplant Unit Royal Infirmary of Edinburgh, United Kingdom

BOS360
INFLUENCE OF GENE POLYMORPHISMS ON SERUM FETUIN-A LEVELS AND VASCULAR CALCIFICATIONS IN RENAL TRANSPLANT AND CHRONIC KIDNEY DISEASE PATIENTS
Svetlana Jovicic Pavlovic¹; Sanja Simic Ogrizovic²; Violeta Dopsaj³; Ivana Novakovic⁴; Žoran Bukumiric⁵; Radomir Naumovic⁶
¹Clinical Centre of Serbia Clinic for Nephrology, Serbia; ²Medical School, University in Belgrade, Serbia; ³Institute for Biochemistry, Medical School, University in Belgrade, Serbia; ⁴Institute for Human Genetics, Medical School, University in Belgrade, Serbia; ⁵Institute for Medicine Statistics, Medical School, University in Belgrade, Serbia; ⁶Medical School, University in Belgrade, Serbia
STATE OF THE ART 4

09.10 – 10.40

New concepts in transplant infectious diseases: microbiota and beyond

The creators view

New tools have allowed an unprecedented genetic insight into the composition of our microbiota and virome. First, we explore the role of the virome and microbiota as it relates to transplantation including potential clinical applications. We aim to elaborate on the impact in transplantation on an individual and epidemiological level. The immunomodulatory role of viruses in transplantation are often mentioned – but does this concept hold up? A critical appraisal of the concept of the indirect effects of viruses is presented. The new anti-HCV drugs have made eradication of HCV in virtually all patients a realistic goal, but how important is a complete control of viral replication in the context of HCV and other viruses?

CREATED BY: Maria Luisa Alegre, Chicago, United States
Marina Berenguer, Valencia, Spain

CHAIRS: Maria Luisa Alegre, Chicago, United States
Marina Berenguer, Valencia, Spain

09.10

The virome and microbiome in health and disease
Dave Wang, St. Louis, United States

09.30

Knowledge and clinical applications of microbiota in transplantation
Frederick Bushman, Philadelphia, United States

09.50

Viruses and the recipient immune response: relevant crosstalk in transplantation
Oriol Manuel, Lausanne, Switzerland

10.10

The impact of HCV treatment on liver transplantation
Audrey Coilly, Paris, France

STATE OF THE ART 5

09.10 – 10.40

Cell therapy in clinical trials

The creators view

Cell therapy may be a suitable adjunct to conventional immunosuppression. Despite a major enthusiasm, however, major issues emerged in the first clinical applications. The question now is: how can technical and regulatory hurdles be overcome within a reasonable time frame? Will cell therapy ever be commercially interesting and will its implementation enhance solid organ transplantation? Experts share their experience and explain what we might expect from cell therapy tomorrow and in 10 years.

CREATED BY: Pietro Cippà, Zurich, Switzerland
Marc Dahlke, Regensburg, Germany

CHAIRS: Marc Dahlke, Regensburg, Germany
Thomas Wekerle, Vienna, Austria

09.10

Technical and regulatory issues. From the idea to the clinical application
Marlies Reinders, Leiden, The Netherlands

09.30

Sharing clinical experience. What can we learn from hematologists?
Francesco Dazzi, London, United Kingdom

09.50

Translational studies. Why do we need cell therapy if we cannot avoid severe immunosuppression?
Suzanne T. Ilistad, Louisville, United States

10.10

The future: clinical applications of stem cells in the context of transplantation vs. regeneration?
Martin Johannes Hoogduijn, Rotterdam, The Netherlands
The ultimate goal of transplantation is long-term survival with a well-functioning graft. Operationalization of post-transplant care with protocols based on evidence from clinical trials has had an important impact on the overall outcome in transplantation. It is increasingly recognized though, that the ‘one size fits all’ approach does not always optimally reflect the patient’s individual need. Hence, the concept of personalized medicine is on everyone’s lips. This session aims to confront the reality by focusing on four important topics in the field.

**CREATED BY:** Georg Böhmig, Vienna, Austria
Nicolas Müller, Zurich, Switzerland

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### Big Bang 3

11.10 – 12.40

**Innovation in immunomedication: the modern Prometheus**

Following the steps of Dr Frankenstein, scientists have begun stitching together disparate biological pieces to create new therapeutic opportunities and, far from sci-fi fantasies, these therapeutic innovations have already shown promising results in the field of cancer therapy. Their potential to revolutionise solid organ transplantation will be scrutinised during this Big Bang session.

**CREATED BY:** Josep Maria Grinyó, Barcelona, Spain
Olivier Thaunat, Lyon, France

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**CHAIRS:**

Josep Maria Grinyó, Barcelona, Spain
Adrian Morelli, Pittsburgh, United States

11.10  **Deciphering and targeting protein-protein interactions: a new challenge in biomedicine**
Juan Fernández Recio, Barcelona, Spain

11.30  **The potential of bispecific antibodies**
Jeffrey S. Miller, Minneapolis, United States

11.50  **Alloantigen-specific regulatory T-cells generated with a chimeric antigen receptor**
Megan Levings, Vancouver, Canada

12.10  **Systems biology applications for prognostication and therapeutics**
Patrick Aloy, Barcelona, Spain
11.10 – 12.40  Asia leading the way
(Joint session with the Asian Society for Transplantation)
This session was jointly organized with the Asian Society for Transplantation and aims to highlight some of the significant advancements in transplantation achieved in the recent past. We are proud to bring to your attention programmes and topics from our partners in Asia.
CHAIRS: Jan Lerut, Brussels, Belgium
Dennis Serrano, Quezon City, Philippines

11.20  Tissue repair and its relevance to transplantation
Nathaniel S. Hwang, Seoul, South Korea

11.40  Challenges in increasing organ donation in Asia
Romina Danguilan, Manila, Philippines

12.00  ABO incompatible kidney transplantation: future directions
Shiro Takahara, Osaka, Japan

12.20  State of the art of living donor liver transplantation
Chao Long Chen, Kaohsiung City, Taiwan

11.10 – 12.40  Elevator Pitch session 4

11.10 - 12.40  EPS04  Liver
CHAIR(s): Lorna Marson, Edinburgh, United Kingdom; Frank Dor, London, United Kingdom

11.10  EP037  RESULTS OF LIVING DONOR LIVER TRANSPLANTATION AND LIVER RESECTION FOR TREATMENT HEPATOBLASTOMA IN CHILDREN
Oleg Kotenko; Marat Grygorian; Denis Fedorov; Alexander Grinenko; Alexander Korshak; Alexey Popov; Andrey Gusev; Alexander Ostapiuchen; Artem Minich
National Institute of Surgery and Transplantology, Ukraine

11.11  EP038  PROPOSAL OF PROGNOSTIC SURVIVAL MODELS BEFORE AND AFTER LIVER RESECTION FOR HEPATOCELLULAR CARCINOMA IN POTENTIALLY TRANSPLANTABLE PATIENTS
Stefano Di Sandro1; Carlo Spisotto2; Andrea Lauterio2; Michele Droz Dit Busset2; Vincenzo Buscemi3; Maria Flores Reyes4; Riccardo De Carlis4; Vincenzo Mazzaferro2; Luciano De Carlis4
1Ospedale Niguarda Ca” Granda, Italy; 2Gastrointestinal Surgery and Liver Transplantation, Fondazione Ircss Istituto Nazionale Tumori, Univ, Italy; 3Ospedale Niguarda Ca” Granda, Italy; 4Department of General Surgery and Transplantation, Asst Grande Ospedale Metropolitano Niguarda, Italy

11.12  EP039  LIVER RETRANSPLANTATION IN ADULTS: A CROATIAN SINGLE-CENTRE EXPERIENCE
Danko Mikulic; Anna Mrzljak; Stipislov Jadrijevic; Jadranka Pavicic Saric; Branislav Kocman
University Hospital Merkur Zagreb, Croatia

11.13  EP040  PROGNOSTIC SIGNIFICANCE OF PREOPERATIVE NEUTROPHIL-LYMPHOCYTE RATIO IN PATIENTS UNDERGOING LIVER TRANSPLANTATION WITH HCC WITHIN MILAN CRITERIA
Su-Kyung Kwon1; Deok Gie Kim2; Jae Youn Lee3; Hyung Soon Lee4; Jung Jun Lee2; Soo Jin Kim1; Jae Geun Lee2; Dai Hoon Han1; Dong Jin Joo1; Gi Hong Choi1; Myoung Soo Kim1; Jin Sub Choi2; Soon Il Kim2
1Department of Sugery, Research Institute For Transplantation, Yonsei University College of Medicine, Republic of Korea; 2Department of Surgery, Ilsan Hospital, National Health Insurance Cooperation, Republic of Korea; 3Department of Surgery, Cha Bundang Medical Center, Cha University, Republic of Korea
11.14  **EP041**

**LIVER TRANSPLANTATION FOR PATIENTS WITH UNRESECTABLE ECHINOCOCCUS ALVEOLARIS**

Sergey Voskanyan; Alexey Artemiev; Evgeny Naydenov; Dmitriy Zabiezinsky; Konstantin Gubarev; Ilya Kolyshev; Vladimir Rudakov; Maxim Shabalyn; Vladimir Shcherbin; Andrey Bashkov; Daria Svetlakova; Anna Mal'tseva

State Research Center Burnazyan FMBC of the FMBA of Russia, Russian Federation

11.15  **EP042**

**CONVERSION FROM CALCINEURIN INHIBITOR-BASED TO EVEROLIMUS-BASED IMMUNOSUPPRESSION IN LIVER TRANSPLANT RECIPIENTS: LONG-TERM OUTCOME**

Murat Dayangac

Istanbul Bilim University Florence Nightingale Hospital, Turkey

11.16  **EP043**

**COMPETING RISK ANALYSIS FOR INCISIONAL HERNIA OCCURRENCE AFTER LIVER TRANSPLANTATION**

Duilio Pagano; Davide Cintorino; Sergio Li Petri; Fabrizio Di Francesco; Calogero Ricotta; Pasquale Bonsignore; Alessandro Tropea; Salvatore Gruttadauria

IRCCS/ISMETT, Italy

11.17  **EP044**

**COMPREHENSIVE COMPLICATION INDEX AND POST-LIVER TRANSPLANT DEATH PREDICTION: A CLOSE LOOK TO SEE FAR AWAY**

Fabio Melandri; Quirino Laí; Gianluca Mennini; Francesco Giovanardi; Redan Hassan; Pasquale B. Berloco; Massimo Rossi

1*Sapienza University of Rome, Italy; 2Sapienza University of Rome, Italy

11.18  **EP045**

**PREOPERATIVE PROGNOSTIC VALUES OF AFP AND PIVKA-II IN PATIENTS WITH HEPATOCELLULAR CARCINOMA FOR LIVING DONOR LIVER TRANSPLANTATION**

Seok-Hwan Kim; Deok-Bog Moon; Shin Hwang; Ki-Hum Kim; Chul-Soo Ahn; Tae-Yong Ha; Gi-Won Song; Dong-Hwan Jung; Gil-Chun Park; Sung-Gyu Lee; Woo-Hyoung Kang; Jae Hyun Kwon; Eunkyung Jwa; Hwui-Dong Cho; Su-Min Ha; Yong-Kyu Jung

1Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea; 2Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea

11.19  **EP046**

**FAILURE OF ENDOSCOPY FOR NONANASTOMOTIC BILIARY STRICTURES AFTER LIVER TRANSPLANTATION**

Paolo De Simone; Emanuele Marciano; Laura Coletti; Giulia Boni; Carrai Paola; Stefania Petruccelli; Davide Ghinolfi; Franco Filipponi

1University of Pisa Medical School Hospital, Italy; 2General Surgery, University of Pisa Medical School Hospital, Italy

11.20  **EP047**

**MICROWAVE ABLATION AND SALVAGE TRANSPLANTATION FOR PATIENTS WITH HEPATOCELLULAR CARCINOMA**

Umberto Cillo; Alessandra Bertacco; Alessandro Vitale; Giacomo Zanus; Francesco D’Amico; Enrico Gringeri; Domenico Bassi; Daniele Neri; Camillo Aliberti

1Department of Surgery, Oncology and Gastroenterology, Hepatobiliary Surgery and Liver Transplantation, Italy; 2Oncology Radiodiagnostics, Oncology Institute of Veneto, Institute For The Research and Treatment of, Italy

11.21  **EP048**

**ISCHAEMIC-TYPE BILIARY LESIONS AFTER DCD LIVER TRANSPLANTATION: FROM RADIOLOGICAL FEATURES TO CLINICAL PROGNOSIS**

Irene Scalera; Simon Olliff; Brinder Mahon; Keith Roberts; Hynek Mergental; Darius Mirza; John Isaac; Thamara Perera; Paolo Muesan

Queen Elizabeth Hospital, United Kingdom
11.10 – 12.40  Full oral sessions

11.10 – 12.40  **OS31 Kidney-transplantation expert session**  
**Chair(s):** Marlies Reinders, Leiden, The Netherlands; Hallvard Holdaas, Oslo, Norway

11.10  **OS265 SHORT AND LONG TERM GRAFT SURVIVAL AFTER KIDNEY TRANSPLANTATION IN EUROPE**  
Maarten Coemans¹; Caner Süsal²; Geert Verbeke³; Maarten Naesens¹
¹Department of Microbiology and Immunology, University of Leuven, Belgium; ²University of Heidelberg, Germany; ³Leuven Biostatistics and Statistical Bioinformatics Centre, Belgium

11.17  **OS266 PSYCHOLOGICAL RESOURCES OF DIALYSED AND TRANSPLANTED PATIENTS**  
Chantal Piot-Ziegler¹; Manuel Pascual¹; Pilon Nathalie¹; Jean-Pierre Venetz²
¹University of Lausanne, Switzerland; ²University Hospital of Lausanne–CHUV-CTO, CURT, Switzerland; ³Transplant Coordination-CTO-CHUV, Switzerland; ⁴CTO-CHUV, Switzerland

11.24  **OS267 FACTORS ASSOCIATED WITH USAGE OF A WEB-BASED PATIENT PORTAL AMONG KIDNEY AND LIVER TRANSPLANT RECIPIENTS**  
Aldrick Ruiz; Rachel Patzer; Kayla Smith; Kendra Little; Stephen Pastan; Christian Larsen; Joel Wedd
Emory University, United States

11.31  **OS268 COAGULATION PROFILE IN PATIENTS WITH CHRONIC KIDNEY DISEASE BEFORE AND AFTER KIDNEY TRANSPLANTATION**  
Ji Il Kim¹; Jinbeom Cho²; Mihyung Kim³
¹Uijeongbu St Mary’s Hospital College of Medicine The Catholic University, Republic of Korea; ²Bucheon St Mary’s Hospital, The Catholic University of Korea, College of Medicine, Republic of Korea; ³St Paul’s Hospital, The catholic University of Korea, Republic of Korea

11.38  **OS269 GRAFT OUTCOME AFTER TREATMENT OF HCV POSITIVE KIDNEY TRANSPLANT RECIPIENT WITH RITONAVIR-BASED DIRECT ANTI-VIRAL AGENT (CASE SERIES)**  
Hanzada Mohammed Elmaghrabi¹; Ahmed Yahia Elmowafy¹; Reham Soliman²; Mohammed Zahab³; Ayman Refaie²; Gamal Shha³; Mohammed Bakr⁴
¹Urology and Nephrology Centre, Mansoura University, Egypt; ²Egyptian Liver Institute, Egypt

11.45  **OS270 A PROSPECTIVE TRIAL USING A HAEMOSTATIC POWDER - HAEMOCER - TO REDUCE THE INCIDENCE OF LYMPHOCELES AFTER KIDNEY TRANSPLANTATION**  
Christopher Burghuber¹; Daniela Kandioler¹; Stephanie Strob¹; Martina Mittiböck²; Georg Böhmig³; Thomas Soliman¹; Gabriela Berlakovich¹
¹Department of Surgery, Medical University Vienna, Austria; ²Center for Medical Statistics, Informatics, and Intelligent Systems, Medical University Vienna, Austria; ³Dept. Internal Medicine III, Medical University of Vienna, Austria

11.52  **OS271 BREAKTHROUGH IN THE MANAGEMENT OF ATYPICAL HEMOLYTIC UREMIC SYNDROME AFTER KIDNEY TRANSPLANTATION: A NATIONWIDE STUDY**  
Julien Zuber¹; Nassim Kamar²; Marie Frimat³; Moglie Le Quintrec⁴; Philippe Gatault⁵; Noemie Jourde-Chiche⁶; Raphael Gaisne⁶; Lionel Couzi⁷; Antoine Thierry⁸; Dominique Bertrand⁹; Johnny Sayegh¹⁰; Charlotte Colosio¹¹; Jean-Philippe Rerolle¹²; Rebecca Sbero-Soussan¹³; Mayvonne Hourmant¹⁴; Claire Pouteil-Noble¹⁵; Eric Rondeau¹⁶; Christophe Legendre¹⁷; Veronique Fremeaux-Bacchi¹⁸
¹Necker Hospital, France; ²Rangueil Hospital Toulouse, France; ³CHRU Lille, France; ⁴CHU Montpellier, France; ⁵CHU Tours, France; ⁶CHU Marseille, France; ⁷CHU Nantes, France; ⁸CHU Bordeaux, France; ⁹CHU Poitiers, France; ¹⁰CHU Rouen, France; ¹¹CHU Angers, France; ¹²CHU Reims, France; ¹³CHU Limoges, France; ¹⁴CHU Lyon, France; ¹⁵CHU Tenon, France; ¹⁶CHU HEGP, France
11.59 OS272
A CALL FOR ACTION: PREVALENCE OF FRAILTY AND MILD COGNITIVE IMPAIRMENT IN ADULT KIDNEY TRANSPLANT CANDIDATES AT THE TIME OF TRANSPLANTATION IN SWITZERLAND
Manuel Wehrle\textsuperscript{1}; Oliver Mauthner\textsuperscript{2}; Jeremy Walston\textsuperscript{3}; Sandra Engberg\textsuperscript{4}; Isabelle Binet\textsuperscript{5}; Michael Dickemann\textsuperscript{6}; Dela Golshayan\textsuperscript{7}; Karine Hadaya\textsuperscript{8}; Uyen Huynh-Do\textsuperscript{9}; Stefano Calciolari\textsuperscript{10}; Sabina De Geest\textsuperscript{11}
\textsuperscript{1}Institute of Nursing Science (INS), University of Basel, Switzerland; \textsuperscript{2}Institute of Nursing Science, Faculty of Medicine, University of Basel, Switzerland; \textsuperscript{3}Center on Aging and Health, Johns Hopkins University, United States; \textsuperscript{4}School of Nursing, University of Pittsburgh, United States; \textsuperscript{5}Nephrology and Transplantation Medicine, Cantonal Hospital St. Gallen, Switzerland; \textsuperscript{6}Department for Transplantation-Immunology and Nephrology, University Hospital Basel, Switzerland; \textsuperscript{7}Transplantation Centre, Transplantation Immunopathology Laboratory, University Hospital Lausanne, Switzerland; \textsuperscript{8}Nephrology and Transplantation Medicine, Cantonal Hospital St. Gallen, Switzerland; \textsuperscript{9}University Clinic of Nephrology and Hypertension, University Hospital Bern, Switzerland; \textsuperscript{10}Institute of Economics (IdEP), Università della Svizzera Italiana, Lugano, Switzerland; \textsuperscript{11}Institute of Nursing Science (INS), University of Basel, Switzerland. Professor of Nursing and Di, Switzerland

12.06 OS273
KIDNEY TRANSPLANTATION IN HIV+ PATIENTS IS ASSOCIATED WITH A HIGH RATE OF SERIOUS INFECTIOUS DISEASE
Nicola Bossini\textsuperscript{1}; Silvio Sandrini\textsuperscript{2}; Daniele Pievani\textsuperscript{2}; Salvatore Casari\textsuperscript{3}; Regina Tardanico\textsuperscript{4}; Elisa Delbarba\textsuperscript{5}; Gisella Setti\textsuperscript{2}; Chiara Salviani\textsuperscript{2}; Francesca Valerio\textsuperscript{1}; Giovanni Cancarini\textsuperscript{2}
\textsuperscript{1}Operative Unit of Nephrology, A.O. Spedali Civili and University of Brescia, Italy; \textsuperscript{2}Operative Unit of Nephrology, A.O. Spedali Civili and University of Brescia, Italy; \textsuperscript{3}Department of Infectious and Tropical Diseases, A.O. Spedali Civili and University of Brescia, Italy; \textsuperscript{4}Department of Pathology, A.O. Spedali Civili and University of Brescia, Italy

12.13 OS274
LONG-TERM OUTCOMES OF STRATIFIED DESSENSITIZATION THERAPY BASED ON IMMUNOLOGICAL RISK IN LIVING DONOR KIDNEY TRANSPLANTATION
Tae Hyun Ban\textsuperscript{1}; Ji Won Min\textsuperscript{2}; Byung Ha Chung\textsuperscript{2}; Eun-Jee Oh\textsuperscript{2}; Bum Soon Choi\textsuperscript{2}; Cheol Whee Park\textsuperscript{2}; Yeong Jin Choi\textsuperscript{2}; Yong-Soo Kim\textsuperscript{2}; Chul Woo Yang\textsuperscript{1}
\textsuperscript{1}Seoul St. Mary’s Hospital, Republic of Korea; \textsuperscript{2}Bucheon St. Mary’s Hospital, Republic of Korea

12.20 OS275
ABO INCOMPATIBLE KIDNEY TRANSPLANTATION: LOW RISK OF INFECTIONS AND EXCELLENT PATIENT SURVIVAL
Tariq Ali; Khalid AlMeshari; Hazem Elgamal; Yaser Shah; Hassan AlEid; Ammar Abdulbaki; Ehab Hammad; Ihab Ibrahim; Mohamed Hussein; Amira AlAbbassi; Ibrahim AlAhmadi; Syed Raza King Faisal Specialist Hospital & Research Center, Saudi Arabia

12.27 OS276
PROVISION OF HIGHLY SPECIALIZED AFTERCARE BY THE TRANSPLANT CENTER STRONGLY IMPROVES PATIENT AND ALLOGRAFT SURVIVAL IN LONG-TERM FOLLOW-UP AFTER KIDNEY TRANSPLANTATION
Thomas Schachtner; Petra Reinke
Charite Campus Virchow Clinic, Germany

11.10 – 12.40 OS32 Adaptive immunity in rejection and infection

Chair(s): Luuk Hilbrands, Nijmegen, The Netherlands; Christine S. Falk, Hannover, Germany

11.10 OS277
CARACTERIZATION OF A B LYMPHOCYTE SIGNATURE PREDICTIVE OF CHRONIC LUNG ALLOGRAFT DYSFUNCTION
Carole Brosseau\textsuperscript{1}; Maxim Durand\textsuperscript{1}; Eugénie Durand\textsuperscript{1}; Jennifer Loy\textsuperscript{2}; Aurore Foureau\textsuperscript{2}; Richard Danger\textsuperscript{1}; Philippe Lacoste\textsuperscript{2}; Pierre Jospeh Royer\textsuperscript{3}; Antoine Magnan\textsuperscript{2}; Sophie Brouard\textsuperscript{1}
\textsuperscript{1}Centre de Recherche en Transplantation et Immunologie, France; \textsuperscript{2}CHU de Nantes, France; \textsuperscript{3}Institut du Thorax, France
11.17  **OS278**
**MODULATORY EFFECTS OF CYTOMEGALOVIRUS (CMV) SPECIFIC HYPERIMMUNOGLOBULIN (CMVIG) ON CMV PROTEIN-MEDIATED ACTIVATION OF DIFFERENT EFFECTOR CELL POPULATIONS OF CELL-MEDIATED IMMUNITY**
Ludwig Deml¹; Martin König²; Jörg Schüttrumpf²; Sascha Barabas¹; Emanuelle Cozzi³; Paolo Grossi⁴
¹Lophius Biosciences GmbH, Germany; ²Biotest AG, Germany; ³Transplant Immunology Unit, Padua University Hospital, Padua, Italy; ⁴Infectious and Tropical Diseases Department, University of Insibria, Varese, Italy

11.24  **OS279**
**PREVENTING OF REJECTION OF VASCULARIZED COMPOSITE ALLOGRAFTS BY TARGETING T CELL METABOLISM**
Byoung Chol Oh; Chih Hsien Cheng; Georg Furtmüller; Giorgio Raimondi; Damon Cooney; W. P. Andrew Lee; Jonathan Powell; Gerald Brandacher
Johns Hopkins University SOM, United States

11.31  **OS280**
**PRETRANSPLANT SERUM BAFF LEVELS ARE ASSOCIATED WITH PRETRANSPLANT HLA–IMMUNIZATION AND RENAL ALLOGRAFT SURVIVAL**
Justa Friebus-Kardash¹; Benjamin Wilde¹; Deniz Keles²; Andreas Heinold²; Andreas Kribben¹; Falko Heinemann¹; Ute Eisenberger¹
¹Nephrology, University Duisburg-Essen, University Hospital Essen, Germany; ²Transfusion Medicine and Transplantdiagnostic University Duisburg-Essen; University Hospital Essen, Germany

11.38  **OS281**
**BKV CLEARANCE TIME CORRELATES WITH THE EXHAUSTION STATE AND T-CELL RECEPTOR REPertoire SHAPE OF BKV–SPECIFIC T-CELLS IN RENAL TRANSPLANT PATIENTS WITH SEVERE BKV INFECTION**
Ulrik Stervbo¹; Mikalai Nienen¹; Benjamin Weist²; Leon Kuchenbecker³; Patrizia Wehler³; Timm Westhoff⁴; Petra Reinké⁴; Hans-Dieter Volk⁵; Nina Babel¹
¹Center for Translational Medicine, Medical Clinic I, Marien Hospital Herne, University Hospital of t, Germany; ²Berlin-Brandenburg Center for Regenerative Therapies, Charité - University Medicine, Germany

11.45  **OS282**
**PREVENTION OF DONOR SPECIFIC ANTIBODY PRODUCTION AFTER SKIN ALLOGRAFTING BY MOBILIZATION OF ENDOGENOUS STEM CELLS USING A COMBINATION OF AMD3100 AND LOW-DOSE FK506 IN RATS**
Ali Ahmadi¹; Le Qi¹; Russell Wesson¹; Frank Dor²; James Burdick³; George Williams¹; Andrew Cameron¹; Zhaoli Sun¹
¹The Johns Hopkins University, United States; ²Imperial College Healthcare NHS Trust, United Kingdom

11.59  **OS284**
**CMV AND ALLOPEPTIDE CROSS-REACTIVE T CELL CLONES IN ACUTE REJECTION OF KIDNEY ALLOGRAFTS**
Lucia Stranavova¹; Petra Hruba²; Ondrej Pelak²; Tomas Kalina³; Michael Svaton³; Eva Girmanova²; Irena Tycova²; Eva Frankova²; Jiri Fronek²; Antonij Slavcev³; Petra Reinké³; Hans-Dieter Volk³; Ondrej Vítkicky⁴
¹Institute for Clinical and Experimental Medicine (IKEM), Prague, Czech Republic; ²Institute for Clinical and Experimental Medicine (IKEM), Prague, Czech Republic; ³Department of Childhood Leukemia Investigation Prague , Motol University Hospital, Prague, Czech Republic; ⁴Department of Nephrology and Transplant Center, Institute for Clinical and Experimental Medicine, Pr, Czech Republic; ⁵Charité, Berlin, Germany

12.06  **OS285**
**STRATEGY FOR ANALYSIS OF DONOR-SPECIFIC ANTIBODY REPERTOIRE: PAIRED IMMUNOGLOBULIN HEAVY AND LIGHT CHAIN ANALYSIS OF INDIVIDUAL MEMORY B CELLS**
Marc Lúcia¹; Alejandro Gomez²; Oriol Bestard³; William Robinson⁴; Olivia Martinez⁴
¹Stanford/Department of Surgery, United States; ²Stanford/Department of Medicine, United States; ³IDIBELL/Hospital de Bellvitge/Experimental Nephrology Lab, Spain
12.13  **OS286**
**GLYCOLYTIC AND GLUTAMINOLYTIC METABOLISM SUPPORTS IL-15 INDUCED INFLAMMATORY RESPONSE OF TEMRA CD8 FROM KIDNEY TRANSPLANT RECIPIENTS**
Gaelle Tilly, Tra-My Doan-Ngoc, Michelle Yap, Lola Jacquemont, Aurélie Caristan, Richard Danger, Marion Cadoux, Magali Giralt, Pierrick Guerif, Bryan Nicot, Nicolas Degauque, David Laplau, Sophie Bouvard, Claire Pecqueur, Alexandra Garcia
1INSERM UMR1064, France; 2CHU de Nantes, France; 3INSERM UMR892, France

12.20  **OS287**
**QUANTITATION OF ALLOANTIBODY-HLA BINDING KINETICS USING A NOVEL BIOSENSOR ASSAY TO IMPROVE IMMUNOLOGICAL RISK ASSESSMENT IN TRANSPLANTATION**
Ashley Priddey, Hannah Copley, Rico Buchli, Dermot H Mallon, Frans H Claas, Craig J Taylor, Arend Mulder, Vasilis Kosmoliaptis
1University of Cambridge, United Kingdom; 2PureMHC, United States; 3University of Leiden, The Netherlands; 4University of Leiden, United Kingdom

12.27  **OS288**
**IMPACT OF T-CELL DEPLETION ON CMV-SPECIFIC MEMORY T AND B-CELL HOMEOSTATIC PROLIFERATION AFTER KIDNEY TRANSPLANTATION**
Marta Jarque, Sergi Luque, Elena Crespo, Edoardo Melilli, Josep M Grinyó, Oriol Bestard
2Experimental Nephrology Laboratory, IDIBELL. Barcelona, Spain; 3Kidney Transplant Unit, Nephrology department, Bellvitge University Hospital. Barcelona, Spain

11.10 –12.40  **OS33**  **Approaching the limits in liver donation?**
**CHAIR(S):** Gonzalo Crespo, Barcelona, Spain; David Paredes, Barcelona, Spain

11.10  **OS289**
**A NOVEL LEARNING ALGORITHM TO PREDICT INDIVIDUAL SURVIVAL AFTER LIVER TRANSPLANTATION FOR PRIMARY SCLEROSING CHOLANGITIS**
Axel Andres, Aldo Montano-Loza, Russell Greiner, Max Uhlich, Ping Jin, Bret Hoehn, David Bigam, James Shapiro, Norman Kneteman
1Geneva University Hospital, Switzerland; 2Alberta Transplant Institute, Canada; 3University of Alberta, Computing Science, Canada; 4University of Alberta, Computing science, Canada; 5University of Alberta, computing science, Canada; 6University of Alberta Hospital, Canada; 7Alberta Transplant Institute, Canada

11.17  **OS290**
**IMPACT OF ‘RESCUE ALLOCATED’ LIVERS ON OUTCOMES AFTER LIVER TRANSPLANTATION: A PROPENSITY SCORE MATCHING ANALYSIS**
Mara Disabato, Audrey Winter, Concepcion Gomez Gavara, Hassen Hentati, Chetana Lim, Chady Salloum, Eric Levesque, Cyrille Feray, Daniel Azoulay, Philippe Compagnon
1Service de Chirurgie Hépato-Biliaire et Transplantation Hépatique, Hôpital Henri Mondor, APHP, Unive, France; 2Laboratoire de Biostatistique, IURC, Montpellier, France; 3Service de Réanimation Digestive, Hôpital Henri Mondor, APHP, Université Paris-Est, Créteil, France; 4Service d’Hépatologie, Hôpital Henri Mondor, APHP, Université Paris-Est, Créteil, France

11.24  **OS291**
**LIVING DONOR (LD) LIVER TRANSPLANTATION (LT) PROVIDES BETTER OUTCOME THAN DECEASED DONOR (DD) IN CHILDREN LESS THAN TWO YEARS WITH BILIARY ATRESIA (BA): RESULTS IN 342 PEDIATRIC RECIPIENTS**
Margot Szabo, Roberto Tambucci, Aniss Channaoui, Magdalena Janssen, Catherine de Magnée, Xavier Stephenne, Isabelle Sheers, Françoise Smets, Etienne Sokal, Raymond Reding
Cliniques Universitaires Saint-Luc, Université catholique de Louvain, Brussels, Belgium

11.31  **OS292**
**EXTENDED DONOR CRITERIA IN LIVER TRANSPLANT – CALL FOR CAUTION**
Vladimir J. Lozanovski, Elias Khajeh, Christoph W. Michalski, Hamidreza Fonouni, Jan Pfeifferberger, Norbert Hillebrand, Rebecca von Haken, Thorsten Brenner, Markus Mieth, Karl Heinz Weiss, Arianeb Mehrabi
University of Heidelberg, Germany
11.38  **OS293**

**SHIPPING OF SPLIT-LIVERS RESULTS IN A HIGHER RETRANSLANTATION RATE BUT DOES NOT AFFECT OVERALL PATIENT'S SURVIVAL: AN ANALYSIS FROM THE EUROTRANSPLANT LIVER FOLLOW-UP REGISTRY**

Joachim Andrassy; Sebastian Wolf; Michael Lauseker; Martin Angele; Undine Samuel; Xavier Rogiers; Jens Werner; Markus Guba

1Dpt. of Surgery, University Hospital Grosshadern, LMU Munich, Germany; 2Klinikum Augsburg, Germany; 3IBE, Ludwig-Maximilian's University Munich, Germany; 4Department of Surgery, Ludwig-Maximilian’s University, Munich, Germany; 5Eurotransplant International Foundation, Leiden, Netherlands, The Netherlands; 6Department of Surgery, University Hospital Grosshadern, LMU Munich, Germany

11.45  **OS294**

**MILD HEPATIC STEATOSIS IN DONORS IS NOT A RISK FACTOR FOR POST-TRANSPLANT COMPLICATIONS IN ADULT LIVING DONOR LIVER TRANSPLANTATION**

Murat Dayangac; Gupse Adali; Birkan Bozkurt; Yalcin Erdogan; Gulen Dogusoy; Yaman Tokat; Yildiray Yuzer

Istanbul Bilim University Florence Nightingale Hospital, Turkey

11.52  **OS295**

**AGAINST THE CLOCK! GRAFT IMPLANTATION TIME MATTERS IN MARGINAL GRAFTS PREDICTING INFERIOR OUTCOMES**

Bettina Buchholz; Bridget Gunson; Hynek Mergental; Keith Roberts; John Isaac; Darius Mirza; Paolo Muiesan; Thamara Perera

Liver Unit, Queen Elizabeth Hospital Birmingham, United Kingdom

11.59  **OS296**

**RESULTS FROM DONATION AFTER CIRCULATORY DEATH LIVER TRANSPLANT IN RECIPIENTS OLDER THAN 60 YEARS**

María García-Conde Delgado; Oana Anisa Nutu; Pilar Del Pozo Elso; Isabel Lechuga Alonso; Iago Justo Alonso; Alejandro Manrique Municio; Óscar Caso Maestro; Alberto Marcacuzco Quinto; Jorge Calvo Pulido; Félix Cambra Molero; Álvaro García-Sesma Pérez-Fuentes; Marina Pérez-Flecha González; Cristina Cobo Vázquez; Carmelo Loinaz Segurola; Carlos Jiménez Romero

Hospital Universitario 12 de Octubre, Spain

12.06  **OS297**

**LIVER TRANSPLANT OUTCOMES FROM DECLINED LIVER ALLOGRAFTS: IS IT WORTH THE RISK?**

Francesca Marcon; David Bartlett; Andrea Schlegel; Hynek Mergental; John Isaac; Paolo Muiesan; Darius Mirza; Thamara Perera

University Hospitals of Birmingham NHS Trust, United Kingdom

12.13  **OS298**

**SURGICAL FACTORS AND NOT DONOR TYPE PER SE ARE RISK FACTORS FOR ACUTE KIDNEY INJURY AFTER LIVER TRANSPLANTATION**

Nicolas Meurisse; Héloïse Smet; Didier Ledoux; Morgan Vandermeulen; Jean-Philippe Goreux; Jean Joris; Abdour Kaba; Pierre Honore; Olivier Drety

1Abdominal Transplant Surgery, University of Liege, Belgium; 2Intensive Care Unit, University of Liege, Belgium; 3Anesthetic Department, University of Liege, Belgium

12.20  **OS299**

**THE USE OF OCTOGENARIAN LIVER GRAFTS: THE LESSONS LEARNED AFTER MORE THAN 200 TRANSPLANTS**

Davide Ghinolfi; Paolo DeSimone; Quirino Lai; Erion Reka; Giovanni Tincani; Laura Coletti; Emanuele Balzâno; Giuseppe Arenga; Gabriele Catalano; Paola Carrai; Stefania Petruccelli; Franco Filipponi

Azienda Ospedaliero Universitaria Pisana, Italy
12.27 **OS300**  
**THE UK-DCD-RISK-SCORE – A NEW PROPOSAL TO DEFINE FUTILITY IN DCD LIVER TRANSPLANTATION**  
Andrea Schlegel; Marit Kalisvaart; Irene Scalera; Richard Laing; Hynek Mergental; Darius Mirza; Tamara Perera; John Isaac; Philipp Dutkowski; Paolo Mulesan  
¹Queen Elizabeth Hospital Birmingham, United Kingdom; ²University Hospital Zurich, Switzerland

11.10 – 12.40 **Room 122**  
**OS34  Innovative biomarkers in clinical transplantation**  
Chair(s): Petra Reinke, Berlin, Germany; Richard Danger, Nantes, France

11.10 **OS301**  
**RESULTS OF LITMUS (NCT 02541916): THE LIVER IMMUNE TOLERANCE BIOMARKER UTILIZATION STUDY**  
Andrzej Chruscinski; Vanessa Rojas-Luengas; Meaghan MacArthur; Assaf Issachar; Jane Luo; Handy Yowanto; Jeff Chapman; Nazia Selzner; Les Lilly; Robert Smith; Eberhard Renner; Jianhua Zhang; David Grant; Oyedele Adeyi; Harold Atkins; Peter Jun; Gary Levy  
¹University Health Network, Canada; ²Sciex, United States; ³Ottawa Hospital Research Institute, Canada; ⁴The Li Ka Shing Knowledge Institute, St Michael’s Hospital, Canada

11.17 **OS302**  
**IDENTIFICATION OF ANTIBODY-MEDIATED REJECTION AFTER KIDNEY TRANSPLANTATION BY SPECIFIC MICRORNAS**  
Mareen Matz; Frederik Heinrich; Pawel Durek; Christine Lorkowski; Kaiyin Wu; Nils Lachmann; Klemens Budde; Mir-Farzin Mashreghi  
¹Nephrology/ University Medicine Charité Berlin, Germany; ²DRFZ, Germany; ³Pathology/ University Medicine Charité Berlin, Germany; ⁴Transfusion Medicine/ University Medicine Charité Berlin, Germany

11.24 **OS303**  
**FP7 BIOMARGIN SHOWS THAT SMALL SETS OF URINARY PEPTIDES ARE GOOD BIOMARKERS OF ACUTE KIDNEY GRAFT REJECTION**  
François-Ludovic Sauvage; Jean-Baptiste Woillard; Maarten Naesens; Dany Anglicheau; Wilfried Gwinner; Laure-Hélène Noël; Isabelle Brocheriou; Michael Mihatsch; Marie Essig; Pierre Marquet  
¹UB50 INSERM, Univ Limoges, France; ²Dpt Nephrology and Transplantation, University Hospital Leuven, Belgium; ³Dpt Nephrology and Transplantation, Necker Hospital, Paris, France; ⁴Transplant center for solid organs, Medizinische Hochschule Hannover, Germany; ⁵Pathology Department, Necker Hospital, Paris, France; ⁶Pathology Department, Pitie-Salpetriere Hospital, Paris, France; ⁷Institute for Pathology, University Hospital Basel, Switzerland; ⁸Dpt Nephrology and Transplantation, CHU Limoges, France

11.31 **OS304**  
**REGULATORY T CELLS POPULATION AND GENE EXPRESSION EARLY AFTER TRANSPLANTATION INFLUENCES 1-YEAR KIDNEY TRANSPLANT OUTCOME**  
Magdalena Krajewska; Katarzyna Kościelska-Kasprzak; Dorota Kamińska; Marcelina Żabińska; Marta Myszka; Agnieszka Gomułkiewicz; Piotr Dzięgieł; Marian Ringer  
¹Department of Nephrology and Transplantation Medicine, Wroclaw Medical University, Poland; ²Department of Histology and Embryology, Wroclaw Medical University, Poland

11.38 **OS305**  
**FP7 BIOMARGIN: URINARY PROTEIN BIOMARKERS OF RENAL GRAFT INJURIES IN KIDNEY ALLOGRAFT RECIPIENTS**  
Hanny Willems; Karin Schildermans; Geert Baggerman; Maarten Naesens; Wilfried Gwinner; Dany Anglicheau; Marie Essig; Pierre Marquet; Inge Mertens  
¹VITO, Belgium; ²UAntwerpen, Belgium; ³KULeuven, Belgium; ⁴Hannover Medical School, Germany; ⁵Hôpital Necker-Enfants Malades, France; ⁶CHU Limoges, France; ⁷Université de Limoges, France
OS306
USE OF PERIRENAL ADIPOSE TISSUE AS A NON-INVASIVE SOURCE OF DONOR ENDOTHELIAL CELLS ALLOWING MONITORING OF DELETERIOUS ALLOIMMUNE RESPONSES AFTER KIDNEY TRANSPLANTATION
Romain Boissier1; Luc Lyonnet1; Maite Meunier1; Tristan Legris1; Christophe Picard1; Jeremy Magalon1; Laurent Giraudo1; Francoise Dignat George2; Eric LeChevallier3; Gilles Karsenty4; Florence Sabatier5; Pascale Paul6
1Assistance Publique Hopitaux de Marseille, Urology department. Hopital de la Conception, France; 2Assistance Publique Hopitaux de Marseille, Hematology Vascular Biology and Cell Therapy Department., France; 3Assistance Publique Hopitaux de Marseille, Nephrology Dialysis Renal Transplantation Center, Hopital, France; 4Etablissement Francais du Sang, Alpes Mediterranee, Aix-Marseille Universite, CNRS, EFS, ADES UMR 72, France; 5Assistance Publique Hopitaux de Marseille, Cell Therapy Department., Hopital de la Conception, France; 6Assistance Publique Hopitaux de Marseille, Cell Therapy Department, Hopital de la Conception, France; 7Assistance Publique Hopitaux de Marseille, Hematology unit, INSERM 1076 Aix Marseille Universite, France; 8Assistance Publique Hopitaux de Marseille, Urology department, Marseille, France; 9Assistance Publique Hopitaux de Marseille, Cell therapy department, CIC LCTC, Hopital Conception Mar, France; 10INSERM U1076, Aix Marseille University, Hematology Vascular Biology and Cell Therapy Unit, Hopital d, France

OS307
INCLUSION OF CD8 MONITORING IMPROVES THE PROGNOSTIC CAPACITIES OF THE KIDNEY TRANSPLANT FAILURE SCORE
Lola Jacquemont1; Michelle Yap2; Gaelle Tilly1; Pierrick Guerif2; Magali Giral1; Sophie Brouard2; Yohann Foucher2; Nicolas Degauque1
1Centre de Recherche en Transplantation et Immunologie UMR1064, INSERM, Université de Nantes, Nantes, France; 2Institut de Transplantation Urologie Néphrologie (ITUN), CHU Nantes, Nantes, France

OS308
ACTIVATED NATURAL KILLER CELL TRANSCRIPTS PREDICT GRAFT OUTCOME IN KIDNEY TRANSPLANTATION: THE BIOMARGIN STUDY
Saleh Yazdani1; Stephane Gazut2; Dany Anglicheau3; Wilfried Gwinner4; Marie Essig5; Pierre Marquet5; Maarten Naesens1
1Department of Nephrology and Renal Transplantation, University Hospitals Leuven, Belgium; 2Laboratoire Analyse de Donnees et Intelligence des Systemes, CEA LIST, France; 3Department of Nephrology and Kidney Transplantation, Necker Hospital, France; 4Department of Nephrology, Hannover Medical School, Germany; 5U850 INSERM, Univ. Limoges, CHU Limoges, France

OS309
ISCHAEMIA-INDUCED DNA HYPERMETHYLATION PREDICTS CHRONIC ALLOGRAFT INJURY IN KIDNEY TRANSPLANTATION: AN EPIGENOME-WIDE ASSOCIATION STUDY ACROSS MULTIPLE COHORTS
Line Heylen1; Bernard Thienpont2; Maarten Naesens1; Pieter Busschaert2; Jeroen Depreeuw2; Ina Jochmans2; Diether Monbauiu3; Jacques Pirene1; Evelyne Lerut1; Bart Ghys Quiere4; Dirk Kuypers1; Diether Lambrechts5; Ben Sprangers1
1University Hospitals Leuven, Belgium; 2VIB, Belgium

OS310
CELL-FREE DONOR DNA CIRCULATING IN RECIPIENT PLASMA: INDEL-POLYMORPHISMS AS NON-INVASIVE MARKER FOR ACUTE REJECTION IN KIDNEY TRANSPLANTATION
Dagmar Kollmann1; Eva-Maria Dauber2; Gottfried F. Fischer2; Thomas Soliman1; Gabriela Berlakovitch1; Wolfgang R. Mayr2
1Medical University of Vienna, Division of Transplantation, Austria; 2Medical University of Vienna, Department for Blood Group Serology and Transfusion Medicine, Austria
12.20
**OS311**
CIRCULATING DONOR-SPECIFIC MEMORY B CELLS (MBC) DISCRIMINATES KIDNEY TRANSPLANT PATIENTS WITH HISTOLOGICAL LESIONS OF ABMR IN ABSENCE OF CIRCULATING DSA
Sergio Luque; Marc Lúcia; Marta Jarque; Elena Crespo; Edoardo Melilli; Jaume Martorell; Josep M Cruzado; Joan Torras; Josep M Grinyó; Oriol Bestard
1Experimental Nephrology Laboratory, IDIBELL. Barcelona, Spain; 2Transplant Immunology, Stanford School of Medicine. Stanford, United States; 3Kidney Transplant Unit, Bellvitge University Hospital. Barcelona, Spain; 4Immunogenetics Laboratory, Hospital Clinic. Barcelona, Spain

12.27
**OS312**
LEVELS OF SERUM AND URINARY CXCL10 PREDICT FOR ACUTE REJECTION IN KIDNEY TRANSPLANTATION
Hayriye Senturk Ciftci; Erol Demir; Meltem Savran Karadeniz; Tzevat Tefik; Baris Hasbaş; Yasar Caliskan; Halil Yazici; Ismet Nane; Fatma Savran Oğuz; Fıltı Aydın; Aydınlı Turkmên
1Department of Medical Biology, Istanbul Faculty of Medicine, Istanbul University, Istanbul, Turkey; 2Division of Nephrology, Istanbul Faculty of Medicine, Istanbul University, Istanbul, Turkey; 3Department of Anesthesia, Istanbul Faculty of Medicine, Istanbul University, Istanbul, Turkey; 4Department of Urology, Istanbul Faculty of Medicine, Istanbul University, Istanbul, Turkey; 5Sisli Ef tale Training and Research Hospital, Division of Nephrology, Department of Internal Medicine, Turkey

11.10 – 12.40
**OS35**
ABMR: from diagnosis to treatment
**Room 123**

**11.10**
**OS313**
TREATMENT OF CHRONIC ANTIBODY MEDIATED REJECTION WITH INTRAVENOUS IMMUNOGLOBULINS AND RITUXIMAB: A MULTICENTRE, PROSPECTIVE, RANDOMIZED, DOUBLE BLIND CLINICAL TRIAL
Francesc Moreso; Marta Crespo; Juan Carlos Ruiz; Armando Torres; Alex Gutierrez-Dalmau; Antonio Osuna; Manel Perello; Julio Pascual; Marcos Lopez-Hoyos; Daniel Seron
1Hospital Universitari Vall d’Hebron, Spain; 2Hospital del Mar, Spain; 3Hospital Marques de Valdecilla, Spain; 4Hospital Universitario Canarias, Spain; 5Hospital Universitario Miguel Servet, Spain; 6Hospital Universitario Virgen de las Nieves, Spain; 7Hospital Universitario Vall d’Hebron, Spain

**11.17**
**OS314**
IMPACT OF COMPLEMENT COMPONENT 3 SINGLE NUCLEAR POLYMORPHISMS ON RENAL TRANSPLANT RECIPIENTS WITH ANTIBODY-MEDIATED REJECTION
Zijie Wang; Zhijian Han; Jun Tao; Ruoyun Tan; Min Gu
The First Affiliated Hospital of Nanjing Medical University, China

**11.24**
**OS315**
BIOLOGICAL INTERPLAY BETWEEN CIRCULATING HLA-SP ALLOREACTIVE MEMORY B-CELLS AND LONG-LIVED PLASMA CELLS IN KIDNEY TRANSPLANT PATIENTS UNDERGOING CHRONIC ABMR
Sergio Luque; Marta Jarque; Elena Crespo; Edoardo Melilli; Jaume Martorell; Josep M Cruzado; Josep M Grinyó; Oriol Bestard
1Experimental Nephrology Laboratory, IDIBELL. Barcelona, Spain; 2Kidney Transplant Unit, Bellvitge University Hospital. Barcelona, Spain; 3Immunogenetics Laboratory, Hospital Clinic. Barcelona, Spain

**11.31**
**OS316**
COMPLEMENT-ACTIVATING ANTI-HLA ANTIBODIES: IDENTIFICATION OF SPECIFIC HISTO-MOLECULAR PHENOTYPE OF REJECTION FOR COMPLEMENT-TARGETING THERAPY
Carmen Lefaucheur; Banu Sis; Denis Viglietti; Olivier Aubert; Denis Glotz; Christophe Legendre; Adriana Zeevi; Philip Halloran; Alexandre Loupy
1Paris Translational Research Center for Organ Transplantation, France; 2University of Alberta, Canada; 3University of Pittsburgh Medical Center, United States; 4Alberta Transplant Applied Genomics Center, Canada
11.38 **OS317**

**IN THE ABSENCE OF HUMORAL ANTIBODY RESPONSES LONGTERM KIDNEY FUNCTION NOT ONLY STABILIZES BUT IMPROVES**

Seraina von Moos1; Pietro Cippà2; Rob van Breemen2; Thomas Müller1

1University Hospital Zurich, Switzerland; 2Universitätsspital Zürich, Switzerland

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11.45 **OS318**

**REFRACTORY ACUTE ABMR: EFFECTIVE TREATMENT BY A NOVEL STRATEGY OF MEMBRANE FILTRATION PLUS IMMUNOADSORPTION FOR CLASSICAL COMPLEMENT INTERFERENCE IN ADDITION TO ANTIBODY DEPLETION**

Konstantin Doberer1; Heinz Regele2; Georg Scheriau1; Georg A. Böhmig1; Farsad Eskandary1

1Dept. of Nephrology and Dialysis, Medical University Vienna, Austria; 2Department of Clinical Pathology, Medical University Vienna, Austria

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11.52 **OS319**

**TREATMENT OF ACTIVE CHRONIC ANTIBODY-MEDIATED REJECTION: DANGEROUS AND USELESS?**

Gastón Julio Piñeiro1; Jordi Rovira2; Erika De Sousa-Amorim1; Jesus Zacarias Villarrreal1; Manel Sole3; Ignacio Revuelta1; Joan Cid2; Miguel Lozano4; Eduard Palou1; Josep M Campistol1; Federico Oppenheimer1; Fritz Diekmann1

1Department of Nephrology and Renal Transplantation, ICNU, Hospital Clinic de Barcelona, Spain; 2Laboratori Experimental de Nefrologia i Trasplantament (LENIT), Institut d’ Investigacions Biomèdiques, Spain; 3Department of Pathology, Hospital Clinic Barcelona, Spain; 4Apheresis Unit, Department of Hemo-therapy and Hemostasis, Hospital Clinic Barcelona, Spain; 5Department of Immunology, Hospital Clinic, Spain

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11.59 **OS320**

**SAFETY AND ACTIVITY OF ANTI-C1S HUMANIZED MONOCLONAL ANTIBODY TNT009 IN LATE ANTIBODY-MEDIATED KIDNEY ALLOGRAFT REJECTION - RESULTS OF A FIRST-IN-HUMAN PHASE 1 TRIAL**

Farsad Eskandary1; Bernd Jilma2; Jakob Mühlbacher3; Markus Wahrmann1; Heinz Regele4; Nicolas Kozakowski5; Sandip Panicker5; Jeff Reeve6; Philip F. Halloran6; James C. Gilbert6; Georg A. Böhmig1

1Dept. of Nephrology and Dialysis, Medical University Vienna, Austria; 2Department of Clinical Pharmacology, Medical University Vienna, Austria; 3Department of Surgery, Medical University Vienna, Austria; 4Department of Clinical Pathology, Medical University Vienna, Austria; 5True North Therapeutics, Inc., South San Francisco, California, United States; 6Alberta Transplant Applied Genomics Centre, ATAGC, University of Alberta, Canada

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12.06 **OS321**

**ANTI-HLA ANTIBODY-MEDIATED REJECTION IN ABO-INCOMPATIBLE (ABO1) LIVING DONOR KIDNEY TRANSPLANT (KT) PATIENTS**

Jin Kong1; Joon Jeong2; Chul Yoon2; Eun Whang2; Hyuk Kwon2

1Nephrology Division, Hanseo Hospital, Republic of Korea; 2Hanseo Hospital, Republic of Korea

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12.13 **OS322**

**COMPOSITE PROGNOSTIC SCORE IMPROVES CLINICAL BENEFIT IN KIDNEY RECIPIENTS RECEIVING STANDARD OF CARE THERAPY FOR ANTIBODY-MEDIATED REJECTION**

Denis Viglietti; Alexandre Loupy; Olivier Aubert; Christophe Legendre; Denis Glotz; Carmen Lefaucheur

Paris Translational Research Center for Organ Transplantation, France

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12.20 **OS323**

**EARLY ANTIBODY-MEDIATED REJECTION C4D STATUS REMAINS A MARKER OF PROGNOSIS IN HLA-INCOMPATIBLE KIDNEY TRANSPLANTATION**

Ana Castro1; Jorge Malheiro1; Sofia Santos1; Sandra Tafudo2; Leonidio Dias3; La Salete Martins1; José Ramón1; António Castro-Henriques1

1Centro Hospitalar do Porto, Portugal; 2IPIST, Portugal
12.27  
**OS324**  
LONG-TERM OUTCOME OF ANTIBODY-MEDIATED REJECTION DUE TO PRE-EXISTING VS. DE NOVO DSA IN KIDNEY ALLOGRAFT RECIPIENTS  
Olivier Aubert1; Carmen Lefaucheur1; Sarah Higgins2; Luis Hidalgo2; Jean-Paul Duong Van Huyen1; Denis Viglietti1; Denis Glotz1; Christophe Legendre1; Philip Halloran1; Alexandre Loupy1  
1Paris Translational Research Center for Organ Transplantation, France; 2Department of Laboratory Medicine and Pathology, Canada; 3Alberta Transplant Applied Genomics Center, Canada

11.10 – 12.40  
**OS36**  
Clinical advances in kidney preservation  
**Room 124**  
**Chair(s):** Sarah Hosgood, Leicester, United Kingdom; Fritz Diekmann, Barcelona, Spain

11.10  
**OS325**  
REMOTE ISCHAEMIC PRECONDITIONING (RIPC) LEADS TO SUSTAINED IMPROVEMENT IN ALLOGRAFT FUNCTION FOLLOWING LIVE DONOR (LD) KIDNEY TRANSPLANTATION: 5 YEAR FOLLOW UP IN THE REPAIR STUDY  
Kristin Veighey1; Tim Clayton2; Jennifer Nicholas2; Mark Harber2; Chris Watson4; Johan deFijter3; Neil Dalton5; Raymond MacAllister2  
1Wessex Kidney Centre, United Kingdom; 2CTU, London School of Hygiene and Tropical Medicine, United Kingdom; 3Royal Free London NHS Foundation Trust, United Kingdom; 4Department of Surgery, University of Cambridge, United Kingdom; 5Leiden University Medical Centre, The Netherlands; 6WellChild Laboratory, Evelina Childrens Hospital, London, United Kingdom; 7UCL Centre for Clinical Pharmacology and Therapeutics, United Kingdom

11.17  
**OS326**  
The golden hour: length of combined warm ischemia time presages development of severe acute kidney injury after DCD liver transplantation  
Marit Kalisvaart1; Andrea Schlegel1; Ilaria Umbro2; Jubi de Haan2; Irene Scalera1; Wojciech Polak1; Jan IJzermans2; Darius Mirza1; Thamara Perera1; John Isaac1; Anna Paola Mitterhofer1; Jeroen de Jonge1; Paolo Muiesan1  
1University Hospitals Birmingham, United Kingdom; 2Sapienza University Rome, Italy; 3Erasmus MC University Medical Centre Rotterdam, The Netherlands

11.24  
**OS327**  
The recovery status from delayed graft function can predict long-term outcome after deceased donor kidney transplantation  
Juhun Lee1; Deok Gie Kim3; Jee Youn Lee4; Su-kyung Kwon1; Soo Jin Kim3; Hyung Soon Lee2; Jung Jun Lee1; Jae Geun Lee1; Soon Il Kim2; Beom Seok Kim2; Myoung Soo Kim3; Kyu Ha Huh4  
1Yonsei University College of Medicine, Republic of Korea; 2National Health Insurance Cooperation/IlSan Hospital, Republic of Korea; 3CHA Bundang Medical Center, Republic of Korea

11.31  
**OS328**  
Intra-abdominal cooling system prevents ischemia-reperfusion injury during robotic-assisted renal transplantation  
Raphael Meier; Vincent Piller; Monika Hagen; Joliat Joliat; Jean-Bernard Buchs; Antonio Nastasi; Raphael Ruttimann; Nicolas Buchs; Solange Moll; Jean-Paul Vallée; François Lazeyras; Philippe Morel; Leo Bühler  
Geneva University Hospital, Switzerland

11.38  
**OS329**  
Combined calorie and protein restriction in live kidney donors improves kidney function in both donors and transplant recipients  
Franny Jongbloed1; Martijn E.T. Dolié2; René A. Klassen1; Piet Beekhof1; Paul Wackers1; Harry van Steeg1; Erwin van der Harst1; Jan N.M. IJzermans1; Ron W.F. de Bruin1  
1Erasmus University Medical Center, The Netherlands; 2Laboratory of Health Protection Research, National Institute of Public Health and the Environment, The Netherlands; 3Department of Surgery, Maasstad Hospital, The Netherlands; 4Department of Surgery, Erasmus MC, University Medical Center Rotterdam, The Netherlands
11.45 OS330
EVALUATION OF A NOVEL MITOCHONDRIA-TARGETED ANTI-OXIDANT THERAPY FOR ISCHAEMIA REPERFUSION INJURY IN A MODEL OF PIG AND HUMAN KIDNEY TRANSPLANTATION
Mazin Hamed1; Angela Logan2; Anna Dare2; Andrew James2; Adam Barlow1; Jack Martin1; Nikkitas Georgakopoulos2; Alison Gane3; Anja Gruszczyn2; Keziah Crick1; Diogo Fouto1; Corrinya Fear1; Eleanor Bolton1; Andrew Bradley1; Gavin Pettigrew1; Sarah Hosgood1; Michael Nicholson1; Mike Murphy2; Kourosh Saeb-Parsy1
1Department of Surgery, University of Cambridge, Cambridge, UK, United Kingdom; 2MRC Mitochondrial Biology Unit, United Kingdom

11.52 OS331
HYPOTHERMIC MACHINE PERFUSION FOLLOWING STATIC COLD STORAGE IN DONATION AFTER CARDIAC DEATH CADAVERIC KIDNEYS: A UK POPULATION-BASED COHORT STUDY
Kamlesh Patel; James Hodson; Adnan Sharif; Melanie Field; Jay Nath; Nick Inston; Andrew Ready
Queen Elizabeth Hospital Birmingham, United Kingdom

11.59 OS332
EVALUATION OF OUTCOMES IN RENAL TRANSPLANTATION USING MACHINE PERFUSION FOR THE PRESERVATION OF KIDNEYS FROM EXPANDED CRITERIA DONORS
Emilie Savoye1; Marie-Alice Macher1; Michel Videocq2; P. Gatault3; M. Hazzan4; I. Abboud5; Antoine Thierry6; Isabelle Etienne6; S. Drouin6; J. Sayegh6; Olivier Bastien1; Christian Lamotte1; Hélène Logerot1; Camille Legeai1; Corinne Antoine1
1Agence de la Biomédecine, France; 2CHU Nantes, France; 3CHU Tours, France; 4CHU Lille, France; 5CHU Saint Louis Paris, France; 6CHU Poitier, France; 7CHU Rouen, France; 8CHU La Pitié Salpêtrière Paris, France; 9CHU Anger, France

12.06 OS333
EXTENDED EX-VIVO NORMOTHERMIC HUMAN KIDNEY PERFUSION USING AN ARTIFICIAL OXYGEN CARRIER
Fermin Fontan; Mohamed Aburawi; Negin Karimian; Heidi Yeh; Korkut Uygun; James Markmann
Harvard Medical School Massachusetts General Hospital, United States

12.13 OS334
DEVELOPMENT OF AN AUTOMATIC REGULATED NORMOTHERMIC KIDNEY PRESERVATION DEVICE FOR LONG-TERM PERFUSION
Annemarie Weissenbacher1; Letizia Lo Faro2; Olga Boubriak3; James Hunter4; Rutger Ploeg4; Nikolay Mikov5; Andrew Cook4; Daniel Voyce4; Constantin Coussios3; Peter Friend1
1Oxford Transplant Centre Nuffield Department of Surgical Sciences, United Kingdom; 2Oxford Transplant Centre, Nuffield Department of Surgical Sciences, Oxford University, United Kingdom; 3Institute of Biomedical Engineering Department of Engineering Science University of Oxford, United Kingdom; 4OrganOx Limited Oxford Science Park Magdalen Centre, United Kingdom

12.20 OS335
IMPACT OF PULSATILE MACHINE PERFUSION ON POSTOPERATIVE OUTCOMES IN KIDNEY TRANSPLANT RECIPIENTS FROM STANDARD CRITERIA DONORS
Silvana Daher-Costa1; Taina M Sandes-Freitas1; Ronaldo M Esmeraldo1; Claudia M Costa de Oliveira2
1Hospital Geral de Fortaleza, Brazil; 2Hospital Walter Cantidio, UF do Ceara, Brazil

12.27 OS336
NORMOTHERMIC EXTRACORPOREAL PERFUSION IN SITU IN DECEASED ORGAN DONORS WITH IRREVERSIBLE CARDIAC ARREST AND ONE HOUR OF ASYSTOLE: 5-YEARS OUTCOMES OF KIDNEY TRANSPLANTATION
Andrey Skvortsov1; Igor Loginov2; Andrey Kukushkin2; Alexey Ananiev2; Alexey Kutenkov2; Denis Kuzmin2; Vasily Daineko2; Oleg Reznik1
1St Petersburg First Pavlov State Medical University, Russian Federation; 2St. Petersburg State Research Institute for Emergency, Russian Federation
**Surrogate Endpoints International Workshop**

**Room 114**

13.00 – 14.00

Drug development in transplantation has diminished due to the lack of fitting endpoints, the long timespan between transplantation and graft failure and the low rates of early rejection. At the same time, we find patients suffering from long-term graft loss. Hence it is paramount to establish new principles to allow development of novel therapeutics to treat and prevent this from happening. One of the main objectives in our drive to address this is to identify and validate surrogate markers for long-term graft outcome and identify novel endpoints for trials and drug development. The field of transplantation is facing one of the greatest challenges hindering further advancement of this field and all individuals and institutions involved in this field need to work together to prevail. In this interactive session, we will discuss the need for new endpoints in the field of transplantation, the potential and problems with histology, the applicability of donor-specific antibodies, and the promise of combined calculated markers as surrogate endpoints. We will discuss the progress that has and can be achieved by transplant societies and health authorities. The session will focus on kidney transplantation, although the methodology and conclusions are likely valid also for other organs.

**CREATED BY:** Maarten Naesens, Leuven, Belgium
Stefan Schneeberger, Innsbruck, Austria

### Chairs

- Maarten Naesens, Leuven, Belgium
- Stefan Schneeberger, Innsbruck, Austria

#### 13.00

**Why do we need new endpoints**
Mark Stegall, Rochester, United States

#### 13.10

**The potential of combined calculated surrogate endpoints**
Alexandre Loupy, Paris, France

#### 13.22

**The difficult but important place of histology as endpoint**
Maarten Naesens, Leuven, Belgium

#### 13.34

**DSAs as surrogate endpoint for drug development**
Peter Nickerson, Winnipeg, Canada

#### 13.46

Panel discussion

### Brief oral sessions

**BOS27 Biomarkers in kidney transplantation**

**Room 122**

Chair(s): Marcos Lopez-Hoyos, Santander, Spain

#### 13.00

**BOS361 Monitoring immunosuppressive drug effects in T cell subsets by phospho-specific flow cytometry**
Nynke Kannegieter; Dennis Hesselink; Marjolein Dieterich; Rens Kraaijeveld; Marian Claës-van Groningen; Carla Baan
Erasmus Medical Center, The Netherlands

#### 13.04

**BOS362 Bile duct strictures after liver transplantation are associated with a donor glypican-6 polymorphism linked to the biliary stem cell niche**
Jasmijn Selten; Monique Versteeg; Henk Roest; Floris Roos; Cornelia Verhoeven; Herold Metselaar; Jan IJzermans; Luc van der Laan
Erasmus Medical Center, The Netherlands

#### 13.08

**BOS363 Micrornas in urine help to identify acute rejection after kidney transplantation**
Els Gielis1; Jacqueline Anholts2; Hans de Fijter2; Frans Claas2; Michael Eikmans2
1 University of Antwerp, Belgium; 2 Leiden University Medical Center, The Netherlands
13.12 **BOS364**

**CO-INHIBITORY PROFILE AND CYTOTOXICITY OF CD57+ PD-1- T-CELLS IN BELATACEPT TREATED KIDNEY TRANSPLANT RECIPIENTS**

Rens Kraaijeveld; Gretchen de Graav; Marjolein Dieterich; Nicolle Litjens; Dennis Hesselink; Carla Baan

Erasmus Medical Center, The Netherlands

13.16 **BOS365**

**URINARY METABOLIC PROFILES TO PREDICT PROLONGED DURATION OF DELAYED FUNCTION IN DCD KIDNEY TRANSPLANT RECIPIENT**

Sarantos Kostidis; Jonna R. Bank; Darius Soonawala; Ekaterina Nevedomskaya; Cees van Kooten; Öleg A. Mayboroda; Hans J. W. de Fijter

Leiden University Medical Center, The Netherlands

13.20 **BOS366**

**MICRORNA-21 (MIR-21) IS A USEFUL BIOMARKER OF KIDNEY INJURY AND MAYBE ABLE TO PREDICT OUTCOMES PRIOR TO TRANSPLANTATION**

Usman Khalid; Lucy Newbury; Katherine Simpson; Robert Jenkins; Gilda Pino-Chavez; Timothy Bowern; Rafael Chavez; Donald Fraser

1Cardiff Transplant Unit, University Hospital of Wales, United Kingdom; 2Wales Kidney Research Unit, Cardiff University School of Medicine, Cardiff, United Kingdom; 3Cardiff Transplant Unit, University Hospital of Wales, United Kingdom

13.24 **BOS367**

**PROTEOMIC CHANGES IN LIVING KIDNEY DONORS IN RESPONSE TO LAPAROSCOPIC DONOR NEPHRECTOMY AND PROPOFOL OR SEVOFLURANE ANAESTHESIA**

Honglei Huang; Gertrude Nieuwenhuijs-Moeke; Sergei Maslau; Adam Thorne; Roman Fischer; Benedikt Kessler; Henri Leuvenink; Rutger Ploeg

1University of Oxford, United Kingdom; 2University Medical Center Groningen, The Netherlands; 3Nuffield Department of Medicine, University of Oxford, United Kingdom

13.28 **BOS368**

**FP7 BIOMARGIN: SMALL SETS OF URINARY CELL MRNAS LEADING TO A PARTITION TREE ON KIDNEY ALLOGRAFT LESIONS**

Claire Tinel; Aurélien Benon; Lise Morin; Stéphane Gazut; Maarten Naesens; Wilfried Gwinner; Marie Essig; Pierre Marquet; Dany Anglicheau

1Necker Hospital, France; 2CEA, France; 3KU Leuven, Belgium; 4MH Hannover, Germany; 5Limoges University Hospital, France; 6Limoges University, France

13.32 **BOS369**

**DYNAMICS OF CD25-POSITIVE MYELOID SUPPRESSOR CELLS IN SOLID ORGAN TRANSPLANTED PATIENTS AND RELATIONSHIP WITH REJECTION**

Alberto Utrero-Rico; Rocío Laguna-Goya; Francisco Cano-Romero; Elena Gomez-Massa; Mario Fernández Ruiz; José María Aguado; Esther Mancebo-Sierra; María José Castro Panete; Estela Paz-Artal

1Hospital 12 de Octubre, Spain; 2Immunology Deparment, Hospital 12 de Octubre, Madrid, Spain; 3Immunodeficiencies and Transplant Immunology Group, Research Institute Hospital 12 de Octubre, Madrid, Spain; 4Immunology Department, Hospital 12 de Octubre, Madrid, Spain; 5Infectious Diseases Department, Hospital 12 de Octubre, Madrid, Spain

13.36 **BOS370**

**A COMPOSITE SCORE ASSOCIATED WITH SPONTANEOUS OPERATIONAL TOLERANCE IN KIDNEY TRANSPLANT RECIPIENTS**

Richard Danger; Mélanie Chesneau; Chloé Paul; Pierrick Guéri; Maxim Durand; Renneth A Newell; Sai Kanaparthi; Laurence A Turka; Jean-Paul Soulillou; Rémi Houlgatte; Magali Girat; Gérard Ramstein; Sophie Brouard

1Centre de Recherche en Transplantation et Immunologie, INSERM UMR1064, France; 2CRTI INSERM UMR1064, ITUN CHU de Nantes, Nantes, France; 3Department of Surgery, Emory University, Atlanta, Georgia, United States; 4Immune Tolerance Network, Bethesda, Maryland, United States; 5Center for Transplantation Sciences, Massachusetts General Hospital and Harvard Medical School, Bost, United States; 6CHU de Nancy, DRCI, Nancy 54000, France; 7Lina Duke, UMR 6241, Université de Nantes, Ecole des Mines de Nantes & CNRS, Nantes, France
13.40  **BOS371**
THE COMBINATION OF DES-GAMMA CARBOXY-PROTHROMBIN AND ALPHA-FETOPROTEIN IMPROVES THE ABILITY TO PREDICT RECURRENCE OF HEPATOCELLULAR CANCER AFTER LIVER TRANSPLANTATION IN A EUROPEAN SETTING
Quirino Lai1; Samuele Iesari1; Daniele Nicolini2; Susanna Mazzocato3; Mina Komuta2; Marina Brugia1; Maxime Fougner2; Marco Vivarelli2; Jan Lerut2
1Catholic University of Louvain, Belgium; 2UCL Brussels, Belgium; 3Ancona University, Italy

13.44  **BOS372**
MULTIPLEX PCR SCREENING OF MICRORNAS IN GRAFT PRESERVATION FLUID DURING LIVER TRANSPLANTATION FOR BIOMARKER DISCOVERY
Jasmijn Selten; Henk Roest; Ad Gillis; Lambert Dorssers; Jeroen de Jonge; Wojciech Polak; Leendert Looijenga; Jan IJzermans; Luc van der Laan
Erasmus Medical Center, The Netherlands

13.48  **BOS373**
NOVEL NON-INVASIVE BIOMARKERS DIAGNOSTIC OF ACUTE REJECTION IN THE TRANSPLANTED KIDNEY: A SYSTEMATIC REVIEW
Faisal Jamshaid1; Saied Froghi2; Pierpaolo Dicocco2; Frank Dor2
1MRC Centre for transplantation, Kings College London School of Medicine, United Kingdom; 2Imperial College London, Renal & Transplantation, Hammersmith Hospital, United Kingdom

13.52  **BOS374**
THE ROLE OF URINARY CHEMOKINES IN DISTINGUISHING CAUSES OF RENAL ALLOGRAFT DYSFUNCTION
Stephanie Chong1; Ciara Magee2; Mark Harber2; Raymond Fernando2
1Royal Free Hospital NHS Foundation Trust, United Kingdom; 2Royal free NHS Foundation Trust, United Kingdom

13.00 – 14.00  **BOS28**
Kidney – perioperative and surgical issues
**Room 123**

**Chair(s):** Janis Jusinskis, Riga, Latvia

13.00  **BOS375**
RENAL ALLOGRAFT TRANSPLANTECTOMY: MORBIDITY, MORTALITY AND IMPACT ON ALLOIMMUNIZATION ABOUT 180 CASES
Chowaniec Yvonne1; Mathilde Nedelec1; Georges Karam1; Pascal Glemain1; Julien Branchereau2
1Chu Nantes Hotel Dieu ITUN, France; 2CHU DE NANTES, France

13.04  **BOS376**
ARTERIOVENOUS GRAFT PLACEMENT AMONG PREVALENT HEMODIALYSIS PATIENTS WITH FAILED KIDNEY TRANSPLANTS: RESULTS FROM THE UNITED STATES RENAL DATA SYSTEM
Kenneth Woodside1; Ian Robinson1; Kaitlyn Ratkowiak2; Brett Plattner1; Douglas Schaubel1; Purna Mukhopadhyay1; Ronald Pisoni1; Rajiv Saran1
1University of Michigan, United States; 2Arbor Research Collaborative for Health, United States

13.08  **BOS377**
SUCCESSFUL KIDNEY 7TH TRANSPLANTATION: A CASE REPORT
Claudia Bösmüller1; Michael Rudnicki2; Martin Auinger1; Manuel Maglione1; Franka Messner1; Stefan Scheidt1; Benno Cardini1; Rupert Oberhuber2; Stefan Schneeberger2
1Department of Transplant Surgery, Medical University, Innsbruck, Austria; 2Department of Nephrology, Medical University, Innsbruck, Austria

13.12  **BOS378**
CADAVERIC KIDNEY TRANSPLANTATION FOR A PATIENT WITH SUPER LONG-TERM PERITONEAL DIALYSIS OVER 19 YEARS: A CASE REPORT
Kenta Futamura; Manabu Okada; Takahisa Hiramitsu; Makoto Tsujita; Norihiko Goto; Syunjir Narumi; Yoshihiko Watarai
Nagoya Daini Red Cross Hospital, Japan
13.16 **BOS379**
RENAL TRANSPLANTATION FROM A LIVING DONOR TO AN ADULT RECIPIENT: OUTCOMES AND RISK FACTORS

Sahar Fares¹; Fatma Aouini²; Imen El Kossai²; Abir El Mehdi¹; Hend Kallel²; Soumaya Mechergui³; Nabil Ben Romdhane¹; Med Jameleddine Manaa¹

¹Vascular Surgery department, Military Hospital of Tunis, Tunisia; ²Organ transplantation unity, Military Hospital of Tunis, Tunisia

13.20 **BOS380**
POTENTIAL IMPACT OF ARTERIOVENOUS FISTULA LIGATION ON KIDNEY TRANSPLANT OUTCOMES

Isabel Lopez-Lopez; Elvira Esquivias-Motta; María Luisa Agüera-Morales; Cristian Rodelo-Haad; Alberto Rodriguez-Benot; Pedro Aljama

Hospital Universitario Reina Sofia. Córdoba, Spain

13.24 **BOS381**
RISK OF VASCULAR COMPLICATIONS AND GRAFT LOSS FOR PATIENTS RECEIVING LIVING DONOR KIDNEY ALLOGRAFTS WITH MULTIPLE ARTERIES

Sahar Fares¹; Imen El Kossai²; Fatma Aouini²; Abir El Mehdi¹; Nazih Chaouch¹; Soumaya Mechergui³; Nabil Ben Romdhane¹; Med Jameleddine Manaa¹

¹Vascular Surgery Department, Military Hospital of Tunis, Tunisia; ²Organ transplantation unity, Military Hospital of Tunis, Tunisia

13.28 **BOS382**
MACROSCOPIC ARTERIOSCLEROSIS OF THE RENAL ARTERY IS ASSOCIATED WITH PRIMARY NON-FUNCTION, BUT NOT WITH GRAFT FUNCTION OR LONG TERM SURVIVAL OF 50+ DECEASED DONOR KIDNEYS

Cyril Moers¹; Cynthia Konijn²; Henri Leuvenink¹; Andries Hoitsma²

¹University Medical Center Groningen, The Netherlands; ²Dutch Transplantation Foundation, The Netherlands

13.32 **BOS383**
SINGLE CENTRE EXPERIENCE WITH A 3RD KIDNEY TRANSPLANT

Olga Manolitsi; Jeremy Crane; Frank Dor; Paul Herbert; Anand Muthusamy; Vasilios Papalois

West London Renal and Transplant Centre, Imperial College Healthcare, United Kingdom

13.36 **BOS384**
INCIDENCE, RISK FACTORS AND IMPACT ON LONG-TERM OUTCOMES OF LYMPHOCELES IN KIDNEY TRANSPLANTATION

Lukas Johannes Lehner; Anirm Hohberger; Lisanne Marschke; Fabian Halleck; Dmytro Khadzhynov; Eva Schrezenmeier; Klemens Budde; Oliver Staeck

Dep. of Nephrology Campus Charite Mitte, Germany

13.40 **BOS385**
IS THE VARIABILITY OF RENAL ARTERIAL RESISTANCE INDEX MEASUREMENTS USEFUL PARAMETER OF LATE GRAFT FUNCTION AFTER RENAL TRANSPLANTATION?

Ji Yoon Choi¹; Oh Jung Kwon²

¹Department of Surgery, Asan Medical Center, College of Medicine, Ulsan University, Seoul, Republic of Korea; ²Department of Surgery, College of Medicine, Hanyang University, Seoul, Republic of Korea

13.44 **BOS387**
IMPACT OF THE KIDNEY DONOR PROFILE INDEX (KDPI) ON GRAFT SURVIVAL IN SOUTHERN EUROPEAN DECEASED DONOR KIDNEY TRANSPLANT

Veronica Lopez; Ana Duarte; Juana Alonso; Pedro Ruiz-Esteban; Mercedes Cabello; Cristina Jironda; Fuenhsanta Clavijo; Domingo Hernandez

HRU Carlos Haya, Spain
13.00 – 14.00  BOS29  Liver transplantation, General II

13.00  BOS388  UNDERSTANDING LATE KIDNEY TRANSPLANT FAILURE: IS “DEATH WITH A FUNCTIONING GRAFT (DWF)” REALLY DEATH WITH FUNCTION?
Robert Gaston1; Ann Fieberg2; Larry Hunsicker3; David Rush4; Rob Leduc2; Arthur Matas2
1University of Alabama at Birmingham, United States; 2U of Minnesota, United States; 3U of Iowa, United States; 4U of Manitoba, Canada

13.00  BOS389  THE OUTCOMES AND INDICATIONS OF ENDOVASCULAR STENTING FOR VENOUS COMPLICATIONS FOLLOWING PEDIATRIC LIVER TRANSPLANTATION
Takumi Katano1; Yukihiro Sanada1; Yuta Hirata1; Noriki Okada1; Naoya Yamada1; Yoshiyuki Ihara2; Taizen Urahashi2; Shinya Otomo2; Kentaro Ushijima2; Koichi Mizuta1
1Department of Transplant Surgery, Jichi Medical University, Japan; 2Department of Pharmacy, Jichi Medical University Hospital, Japan; 3Division of Clinical Pharmacology, Jichi Medical University, Japan

13.04  BOS390  CAN ROTATIONAL THROMBOELASTOMETRY PREDICT HAEMOSTATIC RESERVE IN PATIENTS WITH END-STAGE LIVER DISEASE UNDERGOING LIVER TRANSPLANTATION?
Mihai Popescu; Andreea Tănase; Andrada Tudor; Dana Tomescu
Fundeni Clinical Institute, Romania

13.08  BOS391  THE ROLE OF PRE-TRANSPLANT TIPS IMPLANTATION IN ORTHOTOPIC LIVER TRANSPLANTATION
Lukas Unger; Theresa Stork; Theresa Bucsics; Susanne Rasoul-Rockenschaub; Katharina Stauffer; Michael Trauner; Svenja Maschke; Max Pawloff; Thomas Soliman; Thomas Reiberg; Gabriela Berlakovitch
Medical University of Vienna, Austria

13.12  BOS392  EVALUATION OF ACOUSTIC RADIATION FORCE IMPULSE (ARFI) ELASTOGRAPHY AS NONINVASIVE DIAGNOSTIC TOOL IN LIVING DONOR LIVER TRANSPLANTATION
Hanan Abdel Haleem; Hadeel Gamal Eldeen; Mohamed Mahmoud; Reham Abd Elmoniem; Wafaa Elakeel; Naglaa Zayed; Mohamed Said; Sherif Mogawer; Mona Elamir; Mostafa Elshazli; Ayman Salah; Adel Hosny; Ayman Yosry
Faculty of Medicine Cairo University, Egypt

13.16  BOS393  LONG-TERM OUTCOMES FOR LIVER TRANSPLANT RECIPIENTS IN TERMS OF HEPATIC ENCEPHALOPATHY
Dongdo You1; GyuSeong Choi2; Jong Man Kim2; Choon Hyuck Kwon2; Jae-Won Joh2; Suk-Koo Lee2
1The Catholic University of Korea St. Vincent, Republic of Korea; 2Samsung Medical Center, Sungkyunkwan University, School of Medicine, Republic of Korea

13.20  BOS394  THE CAUSES AND OUTCOMES OF EARLY RELAPAROTOMY FOLLOWING PAEDIATRIC LIVING DONOR LIVER TRANSPLANTATION
Noriki Okada; Yukihiro Sanada; Taizen Urahashi; Yoshiyuki Ihara; Naoya Yamada; Yuta Hirata; Takumi Katano; Kentaro Ushijima; Shinya Otomo; Koichi Mizuta
Jichi Medical University, Japan
BOS395
SEVERITY OF POSTOPERATIVE ACUTE KIDNEY INJURY PREDICTS DEVELOPMENT OF CHRONIC KIDNEY DISEASE AFTER DCD LIVER TRANSPLANTATION
Marit Kalisvaart; Andrea Schlegel; Ilaria Umbro; Jubi de Haan; Irene Scalera; Wojciech Polak; Jan IJzermans; Dariusz Mirza; Thamara Perera; John Isaac; Anna Paola Mitterhofer; Jeroen de Jonge; Paolo Muijsan
1University Hospitals Birmingham, United Kingdom; 2Sapienza University Rome, Italy; 3Erasmus MC University Medical Centre Rotterdam, The Netherlands

BOS396
SINGLE-CENTER EXPERIENCE OF ABO-INCOMPATIBLE LIVING DONOR LIVER TRANSPLANTATION WITH A SIMPLIFIED DESENSITIZATION PROTOCOL
Joo Dong Kim; Dong Lak Choi; Gun Woo Kang
1Catholic University of Daegu College of Medicine, Republic of Korea; 2Department of Surgery, Daegu Catholic University College of Medicine, Republic of Korea; 3Department of Internal Medicine, Daegu Catholic University College of Medicine, Republic of Korea

BOS397
DETERMINATION OF THE DIFFICULTIES, QUALITY OF LIFE AND SELF CARE ABILITY OF THE LIVER TRANSPLANTATION RECIPIENTS WHO LIVE AWAY FROM LIVER TRANSPLANTATION CENTER
Sevim Guler; Hulya Karatas; Yaprak Sarigol Ordin
1Adiyaman University, School of Health, Turkey; 2Harran University Faculty of Health Science, Turkey; 3Dokuz Eylul University, Turkey

BOS399
VARIABLE DEFINITIONS OF NASH-RELATED CIRRHOSIS IN LIVER TRANSPLANT RECIPIENTS CHALLENGE THE ESTABLISHMENT OF STANDARDIZED GUIDELINES TO IMPROVE LOG-TERM SURVIVAL
Barbara Kern; Benedikt Feurstein; Josef Fritz; Manuel Maglione; Dietmar Oefner; Stefan Schneeberger
1Medical University of Innsbruck, Austria; 2Innsbruck Medical University, Austria; 3Innsbruck Medical University, Austria

BOS400
CHANGES IN INTRA-OPERATIVE TRANSFUSION PRACTICE OVER 8 YEARS IN LIVER TRANSPLANTATION
Alexa Strachan; Ciara Donohue; Clare Melikian; Susan Mallett
Royal Free Perioperative Research Department, United Kingdom

BOS401
THE REAL INCIDENCE OF BILIARY TRACT LESIONS (BTLS) AFTER LIVER TRANSPLANTATION (LT): THE ROLE OF A PROSPECTIVE ROUTINE USE OF DELAYED CHOLANGIOGRAPHY
Julie Navez; Dhoha Koutra; Eliano Bonaccorsi Riani; Olga Ciccarelli; Laurent Coubeau; Pierre Goffette; Tom Moreels; Jan Lerut
Cliniques Universitaires Saint-Luc, Belgium

BOS402
IMPLICATIONS OF DOPPLER ALTERATIONS ON OUTCOMES AFTER LIVER TRANSPLANTATION
Cristina Cobo; Iago Justo; Alejandro Manrique; Alberto Marcacuzco; Jorge Calvo; María García-Conde; Anisa Nutu; Cristina Rivas; Sandra Caspeueras; Carlos Jiménez
Hospital 12 de Octubre, Spain
13.00 – 14.00 **BOS30** Pancreas/islet. islets and pancreas for everyone  
**Room 125**  
**CHAIR(S):** Lorenzo Piemonti, Milan, Italy

13.00 **BOS403** DULAGLUTIDE PROTECTS β CELLS AGAINST CYTOKINE STRESS MIMICKING ISLET TRANSPLANTATION  
Guillaume Kreutter¹; Mohamad Kassem¹; Ali El Habhab¹; Lamia Lamoura¹; Kevin Valliere¹; Blandine Yver²; Florence Toti²; Laurence Kessler²; Genevieve Ubeaud-Sequier²  
¹University of Strasbourg EA 7293, France; ²University of Strasbourg UMR 7213, France

13.04 **BOS404** COMPARISON OF ALEMTUZUMAB VS. BASILIXIMAB BASED IMMUNOSUPPRESSION REGIMES: LONG TERM OUTCOMES FOR SIMULTANEOUS PANCREAS AND KIDNEY (SPK) TRANSPLANTATION  
Aditya Kanwar¹; Aiman Amer²; Rohan Thakkar³; Ibrahim Ibrahim³; Paul Williams²; Tom Bradish²; Jeremy French²; Colin Wilson²; Gourab Sen²; David Talbot²; Derek Manas²; Steven White²  
¹Freeman Hospital / Institute of Transplantation/ NIHR Blood Transplant Research Unit, United Kingdom; ²Freeman Hospital / Institute of Transplantation / NIHR Blood Transplant Research Unit, United Kingdom

13.08 **BOS405** THE CKD-EPI EQUATION FAILS TO ESTIMATE GLOMERULAR FILTRATION RATE IN SIMULTANEOUS PANCREAS-KIDNEY TRANSPLANT RECIPIENTS  
Allyriane Dantec¹; Sandrine Lemoine²; Luciano Selistre³; Fanny Buron¹; Vandrea De Souza³; Olivier Thaunat¹; Lionel Badet¹; Emmanuel Morelon¹; Laurence Dubourg²; Antoine Sicard³  
¹Hôpital Edouard Herriot, Service de Transplantation, Néphrologie et Immunologie Clinique, Lyon, France; ²Exploration Fonctionnelle Rénale et Métabolique, Hôpital Edouard Herriot, Lyon, France; ³Universidade de Caxias do Sul - Programa de Pós Graduação em Ciências da Saúde, Pontifícia Universi, Brazil; ⁴Hôpital Edouard Herriot, Service d’Urologie et Transplantation, Lyon, France

13.12 **BOS406** DMSO-FREE CRYOPRESERVATION OF PANCREATIC ISLETS USING TREHALOSE AND MEMBRANE-PERMEABILISING BIOPOLYMER PP-50  
Nikola Dolezalova¹; Krishna T.A. Mahbubani¹; Nigel K.H. Slater²; Kourosh Saeb-Parsy¹  
¹Department of Surgery, University of Cambridge, Cambridge, UK, United Kingdom; ²Department of Chemical Engineering and Biotechnology, University of Cambridge, Cambridge, United Kingdom

13.16 **BOS407** LIFE-STYLE (LF) AND QUALITY OF LIFE (QOL) IN TYPE 1 DIABETIC SUBJECTS (T1D) WITH FUNCTIONING OR FAILED PANCREAS TRANSPLANT ALONE (PTA)  
C Triscornia; K Nardi; Carlo Lombardo; G. Amorese; E Gianetti; L Marselli; F Vistoli; P Marchetti; U Boggi  
University Hospital of Pisa, Italy

13.20 **BOS408** LONG-TERM RESULTS FOLLOWING ALEMTUZUMAB VERSUS ATG INDUCTION THERAPY IN COMBINED KIDNEY-PANCREAS TRANSPLANTATION: A SINGLE CENTER REPORT  
Claudia Bösmüller¹; Franka Messner¹; Christian Margreiter¹; Robert Ollinger²; Manuel Maglione¹; Dietmar Öfner¹; Raimund Margreiter¹; Stefan Schneeberger¹  
¹Department of Transplant Surgery, Medical University, Innsbruck, Austria; ²Department of General Surgery, Charité Virchow Hospital, Berlin, Germany

13.24 **BOS409** PREGNANCY OUTCOMES IN SIMULTANEOUS PANCREAS AND KIDNEY TRANSPLANT RECIPIENTS: A NATIONAL FRENCH SURVEY STUDY  
Gabrielle Normand¹; Flora Brunner¹; Lionel Badet¹; Fanny Buron¹; Marielle Catton¹; Jérôme Massardier¹; Laure Esposito²; Philippe Grimbert³; Georges Mourad⁴; Jean-Emmanuel Serre⁴; Sophie Caillard³; Diego Cantarovich⁶; Georges Karam⁶; Emmanuel Morelon¹; Olivier Thaunat¹  
¹Hospices Civils de Lyon, France; ²CHU de Toulouse, France; ³CHU Henri Mondor, France; ⁴CHU de Montpellier, France; ⁵CHU de Strasbourg, France; ⁶CHU de Nantes, France
13.28  **BOS410**  
CO-CULTURE OF WHARTON'S JELLY-DERIVED MESENCHYMAL STEM CELLS WITH HUMAN PANCREATIC ISLETS FOR USING IN ISLET TRANSPLANTATION  
Somayeh Keshtkar¹; Negar Azarpira²; Mohammad Hossein Ghahremani¹  
¹Department of Molecular Medicine, School of Advanced Technologies in Medicine, Tehran University of Iran; ²Transplant Research Center, Shiraz University of Medical Sciences, Shiraz, Iran

13.32  **BOS411**  
ENTERIC DRAINAGE OF PANCREAS TRANSPLANTATION: CLINICAL IMPACT OF INTRA-ABDOMINAL COMPLICATIONS  
Joana Ferrer; Brenda Cano; Lilia Martinez de la Maza; Maria José Ricart; Pedro Ventura; Enric Esmatjes; Josep Fuster; Juan Carlos Garcia-Valdecasas  
Hospital Clinic Barcelona, Spain

13.36  **BOS412**  
DUODENAL GRAFT COMPLICATIONS REQUIRING DUODENECTOMY AFTER PANCREAS AND PANCREAS-KIDNEY TRANSPLANTATION  
Erica Pieroni; Niccolò Napoli; Carlo Lombardo; Piero Marchetti; Margherita Occhipinti; Carla Cappelli; Davide Caramella; Giovanni Consani; Gabriella Amorean; Maurizio De Maria; Fabio Vistoli; Ugo Boggi  
University of Pisa, Italy

13.40  **BOS413**  
AMIR-375 AND ELECTROPORATION METHOD FOR PRODUCING ISLET LIKE CELL CLUSTERS  
Anahita Shaer¹; Sadrollah Dehghan²; Negar Azarpira³  
¹Zarghan Islamic Azad University, Iran; ²Department of Agriculture, Yasuj Islamic Azad University, Yasuj, Iran; ³Transplant Research Center, Shiraz University of Medical Science, Shiraz, Iran

13.44  **BOS414**  
LATE REPETITIVE BLEEDINGS FROM DUODENOJEJUNOSTOMY AFTER PANCREAS TRANSPLANTATION  
Franka Messner; Claudia Bösmüller; Rupert Oberhuber; Manuel Maglione; Dietmar Öfner; Christian Margreiter; Stefan Schneeberger  
Innsbruck Medical University, Austria

13.48  **BOS415**  
OVER IMMUNOSUPPRESSION IS A RISK FACTOR OF GVHD IN PANCREAS TRANSPLANT  
Shunji Narumi; Takahisa Hiramitsu; Kenta Futamura; Manabu Okada; Makoto Tsujita; Ryu Kiumura; Kumiko Hatazoe; Norihiko Goto; Mayumi Nobata; Mitoko Imai; Yoshihiko Watarai  
Nagoya Daini Red Cross Hospital, Japan

13.52  **BOS416**  
DONOR AND RECIPIENT AGE DIFFERENCE IMPACT IN SURVIVAL OF SIMULTANEOUS PANCREAS-KIDNEY TRANSPLANTATION  
Carla Leal Moreira¹; Joana Rocha²; Manuela Almeida¹; Sofia Pedroso¹; Leonidio Dias¹; Antônio Castro Henriques¹; Antônio Cabrita¹; La Salete Martins¹  
¹Centro Hospitalar do Porto, Portugal; ²Centro Hospitalar de Trás os Montes e Alto Douro, Portugal
PLENARY SESSION 3

14.05 – 15.35

Innovation under pressure: transplant patient care in 2020

Health care is undergoing a fundamental change. While new fields in medicine are emerging and short-term results are satisfactory, long-term care of patients after transplantation is more complex and challenging than ever. While novel technologies may help to effectively monitor patients after transplantation, novel structures and business models are warranted to ensure optimal patient care and advancement of the field.

CREATED BY: Marina Berenguer, Valencia, Spain
Antonio Roman, Barcelona, Spain

CHAIRS: John Forsythe, Edinburgh, United Kingdom
Christophe Legendre, Paris, France

14.05
Prospects and pushbacks in hand face uterus abdominal wall penile transplant and others
Wei-Ping Andrew Lee, Baltimore, United States

14.25
Beyond survival: quality of life after transplantation
Lianne Singer, Toronto, Canada

14.45
New tech for new patients: digital communication and self-monitoring
Giral Magali, Nantes, France

15.05
KEYNOTE New models for patient care: wish for what you care for
Marcel Levi, London, United Kingdom

BIG BANG 4

16.00 – 17.00

Ageing and immortality

In this session, we discuss the changing demographics of donors and recipients and its impact on transplantation in reference to organ quality, ischemia-reperfusion injury and immunosenescence. In addition, the biology of ageing and the concept of accelerated ageing after transplantation with its implications on the fate of the graft and the patient are being addressed. As a consequence of the changing demographics, transplant allocation organisations are implementing age-matching in their allocation procedures. The benefits and the potential drawbacks of these important changes are discussed. Finally, we will evaluate innovative ways to halt or slow down these ageing processes, and discover the clues to immortality.

CREATED BY: Maarten Naesens, Leuven, Belgium
Olivier Thaunat, Lyon, France

CHAIRS: Maarten Naesens, Leuven, Belgium
Olivier Thaunat, Lyon, France

16.00
Older graft, older recipients, young ideas
Stefan Tullius, Boston, United States

16.20
Accelerated ageing after transplantation
Peter Stenvinkel, Stockholm, Sweden

16.40
Halting aging: the science of rejuvenation
Brian Kennedy, Novato, United States
16.00 – 17.00 The Devil’s Advocate: contradictory discussion of clinical science  

**The format of this session will be the presentation of the article by the author followed by a critical discussion by the ‘opponent’ and a rebuttal and general discussion with the audience. It will be a highly interactive session.**  
**CREATED BY:** Josep Maria Grinyó, Barcelona, Spain  
Rainer Oberbauer, Vienna, Austria  

**CHAIRS:** Thomas Wekerle, Vienna, Austria  
Rainer Oberbauer, Vienna, Austria  

**Case 1. Ethical debate**  
**Allocating organs to cognitively impaired patients**  
Scott D. Halpern, M.D., Ph.D., and David Goldberg, M.D., M.S.C.E.  
*N Engl J Med* 2017  

16.00 Defender: Scott Halpern, United States  
16.10 Opponent: Michael Bos, Leiden, The Netherlands  
16.20 Discussion  

**Case 2. Expensive but useless?**  
**Clinical value of C1q assay in antibody-mediated rejection**  
Evaluation of C1q status and titer of de novo donor-specific antibodies as predictors of allograft survival  
Wiebe, Gareau, Pochinco, Gibson, Ho, Birk, Blydt-Hansen, Karpinski, Goldberg, Storsley, Rush, Nickerson.  
*Am J Transplant.* 2017 Mar  

16.30 Defender: Peter Nickerson, Winnipeg, Canada  
16.40 Opponent: Denis Glotz, Paris, France  
16.50 Discussion  

16.00 – 17.00 Late Breaking Elevator Pitch session  

**LEPS01  Late Breaking Elevator Pitch**  
**CHAIR(s):**  

16.00 **LEP001**  
INTERNATIONAL TRANSPLANT NETWORK (ITN) PROJECT FOR DEVELOPING COUNTRIES: ANALYSIS AND DISCUSSION OF THE 1st PHASE’S FINDINGS  
Eyup Kahveci; TuğHan Utku; Ferda Kahveci; Arzu Kader Harmancı Seren; Sevgi Aydemir Gecegörmez; Gamze Yıldırım; Yaprak SanGöl Ordin; Yavuz Selim Çınar; Esin Gülkaya Anık; Özgül Karayurt; Basak Canbulat; Ata Bozoklar  
1Turkish Transplantation Foundation, Turkey; 2Istanbul University, Cerrahpaşa Medical Faculty, Turkey; 3Uludağ University, Faculty of Medicine, Turkey; 4Iu Florence Nightingale Faculty of Nursing, Turkey; 5Istanbul Regional Coordination Center, Turkey; 6Dokuz Eylül University, Faculty of Nursing, Turkey; 7Bursa Regional Coordination Center, Turkey; 8Medipol University Hospital, Turkey; 9Izmir Economy University, Turkey; 10Foreign Economic Relations Board, Turkey; 11Florence Nightingale Istanbul Hospital, Turkey  

16.01 **LEP002**  
PRE-ISCHEMIC HOPE PRECONDITIONING PROTECTS LIVER GRAFTS FROM APOPTOSIS AND INFLAMMATION  
Carlos Castro Benitez; Alexandre Lopez; Nassiba Beghdadi; Katsunori Imai; Sa Cunha Antonio; Daniel Cherqui; Denis Castaing; Eric Vibert; René Adam  
1Inserm U935, Hôpital Paul Brousse, France; 2Hôpital Paul Brousse, France
16.02 LEP003
INTERACTION OF INNATE IMMUNE CELLS AND REGULATED CELL DEATH IN EARLY HEPATIC ISCHEMIA REPERFUSION INJURY
Elke Eagenhofer1; Bettina Proneth2; Sebastian Doll2; Marcus Conrad2; Hans-Juergen Schliitl1; Edward Geissler1
1Dept. of Surgery, University Hospital Regensburg, Germany; 2Institute of Developmental Genetics, Helmholtz Zentrum München, Germany

16.03 LEP004
A NOVEL INTERACTION BETWEEN TYPE-1 INTERFERONS AND INTERLEUKIN 10 IMPACTS THE THERAPEUTIC EFFICACY OF CO-STIMULATION BLOCKADE IN TRANSPLANTATION
Maria Chicco; Marcos Iglesias Lozano; Anirudh Arun; W. P. Andrew Lee; Gerald Brandacher; Giorgio Raimondi
Johns Hopkins University, United States

16.04 LEP005
EARLY ADMINISTRATION OF PREGNANE-X-RECEPTOR (PXR) AGONISTS IMPROVES RECIPIENT SURVIVAL FOLLOWING ORTHOTOPIC LIVER TRANSPLANTATION
Aimen Amer1; Sarah Benyos2; Gourab Sen2; Colin Wilson2; David Talbot2; Jeremy French2; Derek Manas2; Steven White2
2Freeman Hospital, Nuth, NHS Foundation Trust, United Kingdom; 2Freeman Hospital, United Kingdom

16.05 LEP006
IMPROVED LONG-TERM OUTCOMES OF PANCREAS TRANSPLANTATION IN THE MODERN ERA: ANALYSIS OF ALLOGRAFT HALF-LIVES AND PREDICTIVE DEMOGRAPHIC FACTORS
Anna M. Adamusia; Raja Kandaswamy; Ty B. Dunn; Samy Rad; Erik B. Finger
University of Minnesota, United States

16.06 LEP007
EXTENDED EFFICACY OF LOW-DOSE VALGANCICLOVIR FOR PREVENTION OF CYTOMEGALOVIRUS DISEASE IN INTERMEDIATE-RISK KIDNEY TRANSPLANT RECIPIENTS: TWO YEARS FOLLOW UP
Medhat Aly1; Osama Gheith2; Ahmed Fathi3; Yahya Makkeya4; Tarek Said1; Prasad Nair1; Torki Al-Otaibi1
1Ibn Sina Hospital Hamed Al-Essa Organ Transplantion Center, Kuwait; 2Mansoura University Urology and Nephrology Center, Egypt; 3Ain Shams University - Department of Medicine, Egypt

16.07 LEP008
PRE-EMPTIVE LIVE DONOR RENAL TRANSPLANTATION VERSUS LIVE DONOR TRANSPLANTATION AFTER A PERIOD ON DIALYSIS IN ADULTS: A META-ANALYSIS OF OUTCOMES
Samuel Turner1; Liset Penge2; Wichor Bramer3; Jeff Lafranca4; Frank Dor4
1Imperial College NHS/Hammersmith Hospital/Renal Transplant, United Kingdom; 2Centre for Evidence in Transplantation, United Kingdom; 3Erasmus MC, University Medical Center, Rotterdam, The Netherlands; 4Imperial College Healthcare NHS Trust, United Kingdom

16.08 LEP009
STEROID WITHDRAWAL IN HIGH RISK KIDNEY TRANSPLANTS: A SYSTEMATIC REVIEW AND META-ANALYSIS
Turun Song1; Yamei Jiang2; Tao Lin2
1West China Hospital of Sichuan University, China; 2West China Hospital, Sichuan University, China

16.09 LEP010
SYSTEMATIC REVIEW OF OUTCOMES FOLLOWING TRANSPLANTATION WITH ORGANS RECOVERED FROM CDCD DONORS USING NORMOTHERMIC REGIONAL PERFUSION
Sukhchain Bansal; Stephen O’Neill; Gabriel Oniscu
Transplant Unit, Royal Infirmary of Edinburgh, United Kingdom
LEP011
INSULIN-PRODUCING CELLS FROM ADULT HUMAN BONE MARROW MESENCHYMAL STEM CELLS CONTROL CHEMICALLY-INDUCED DIABETES IN DOGS
Ayman Refaie¹; Mahmoud Gabr¹; Mahmoud Zakaria¹; Amani Ismail¹; Sherry Khater¹; Sylvia Ashamallah¹; Maha Azzam¹; Nabil Abuhekal²; Mohamed Ghoneim¹
¹Urology and Nephrology Center, Mansoura, Egypt; ²Faculty of Veterinary Medicine, Mansoura University, Egypt

LEP012
A GENE-EXPRESSION SIGNATURE IN PERIPHERAL BLOOD ENABLES EARLIER DETECTION OF ACUTE REJECTION IN KIDNEY TRANSPLANT RECIPIENTS
Sofia Christakoudi³; Manohursingh Rungilal²; Paula Mobillo¹; Rosa Montero²; Tjir-Li Tsui²; Sui Phin Kon⁴; Beatriz Tucker⁵; Chris Farmer⁵; Terry Strom⁶; Steven Sacks¹; Graham Lord²; Irene Rebollo-Mesa²; Daniel Stahl²; Paramit Chowdhury²; Maria Hernandez-Fuentes³
¹King’s College London. MRC Centre for Transplantation, Dtrimb, United Kingdom; ²Guy’s and St Thomas’ NHS Foundation Trust, United Kingdom; ³NIHR Comprehensive Biomedical Research Centre at Guy’s and St Thomas’ NHS Foundation Trust, United Kingdom; ⁴King’s College Hospital NHS Foundation Trust, United Kingdom; ⁵East Kent Hospitals University NHS Foundation Trust, United Kingdom; ⁶Beth Israel Deaconess Medical Center, Harvard Medical School, United States; ⁷Institute of Psychiatry Psychology and Neuroscience, King’s College London, United Kingdom

Brief oral sessions

BOS31 Of oncologists, hepatologists and liver surgeons
CHAIR(S): Christophe Duvoux, Paris, France

BOS417
RETROSPECTIVE ANALYSIS OF THE CURRENT SITUATION OF LIVER TRANSPLANTATION FOR HCC IN GERMANY WITH SPECIAL REGARD TO PRE- AND POSTTRANSPLANT TUMOR STAGING
Uta Herden¹; Christian P. Strassburg²; Markus Guba²; Wenzel N. Schoening³; Johann Pratschke⁴; Joerg C. Kalff⁵; Steffen Manekeller⁵; Andreas Paul⁵; Andreas A. Schnitzbauer⁶; Richard Linke⁷; Thomas Lor²; Frank Lehner⁸; Felix Braun⁹; Dirk Stippel¹⁰; Robert Sucher¹¹; Hartmut Schmidt¹²; Marieke Van Rosmalen³; Xavier Rogiers⁴; Udine Samuel⁵; Björn Nashan¹
¹Department of Hepatobiliary and Transplant Surgery, University Medical Center Hamburg-Eppendorf, Germany; ²Eurotransplant Liver Intestine Advisory Committee, Eurotransplant International Foundation, Leiden, The Netherlands; ³Department of General, Visceral, and Transplantation Surgery, University Hospital of RWTH, Aachen, Germany; ⁴Department of General, Visceral, and Transplantation Surgery, Charité, Berlin, Germany; ⁵Department of General, Visceral, Thoracic and Vascular Surgery, University Hospital of Bonn, Germany; ⁶Department of General, Visceral and Transplantation Surgery, University Hospital Essen, Germany; ⁷Department of General and Visceral Surgery, Johann Wolfgang Goethe-University Hospital, Frankfurt, Germany; ⁸Department of General, Visceral and Transplant Surgery, University Medical Center Göttingen, Germany; ⁹Department of General, Visceral and Transplantation Surgery, Hannover Medical School, Germany; ¹⁰Department of General, Visceral, Thoracic, Transplantation and Pediatric Surgery, University Medical, Germany; ¹¹Department of General, Visceral and Cancer Surgery, University of Cologne, Germany; ¹²Department of Visceral, Transplantation, Vascular and Thoracic Surgery, University Hospital of Leipzig, Germany; ¹³Department of Transplantation Medicine, University Hospital Münster, Germany; ¹⁴Eurotransplant International Foundation, Leiden, The Netherlands, The Netherlands

BOS418
MIXED HCC-CHOLANGIOCARCINOMA AND INTRAHEPATIC CHOLANGIOCARCINOMA IN PATIENTS UNDERGOING LIVER TRANSPLANTATION FOR HCC
Murat Dayangac; Birkan Bozkurt; Cem Balci; Gulen Dogusoy; YamanTokat
Istanbul Bilim University Florence Nightingale Hospital, Turkey
16.08 **BOS419**
LIVING-DONOR LIVER TRANSPLANTATION (LDLT), AN INNOVATIVE APPROACH IN THE TREATMENT OF NON-RESECTABLE SECONDARY LIVER TUMOURS: A RETROSPECTIVE STUDY COMPARING POST-MORTEM LT AND LDLT
Samuele Iesar1; Tiziana Fabbrizio1; Olga Ciccarelli1; Laurent Coubeau1; Eliano Bonaccorsi Riani1; Guillaume Dewe1; Chantal De Reyck2; Jan Lerut2
1T.E. Starzl Abdominal Transplantation Unit, Université Catholique de Louvain, Belgium; 2Department of Anaesthesiology, Université Catholique de Louvain, Belgium

16.12 **BOS420**
DIAGNOSTIC PREDICTABILITY OF BLOOD TUMOR MARKERS FOR HEPATOCELLULAR CARCINOMA IN PATIENTS WITH LIVER CIRRHOSIS UNDERGOING LIVER TRANSPLANTATION
Yo-Han Park1; Shin Hwang2
1College of Medicine Inje University, Busan Paik Hospital, Republic of Korea; 2Department of Surgery, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea, Republic of Korea

16.16 **BOS421**
ALLELIC IMBALANCE ANALYSIS FOR HCC RECURRENCE AFTER LIVER TRANSPLANTATION
Duilio Pagano; Floriana Barbera; Pier Giulio Conaldi; Aurelio Seidita; Giovanni Battista Vizzini; Angelo Luca; Salvatore Gruttadauria
IRCCS/ISMETT, Italy

16.20 **BOS422**
A PROSPECTIVE STUDY TO EVALUATE THE IMPACT OF EARLY EVEROLIMUS ON THE RECURRENCE OF HEPATOCELLULAR CARCINOMA AFTER LIVER TRANSPLANTATION
Marta Guerrero Misas1; Manuel Rodriguez-Perálvarez2; Lidya Barrera2; Gustavo Ferrin1; Jose Maria Alamo2; Maria Dolores Ayllón2; Gonzalo Suarez-Artacho2; Jose Luis Montero2; Javier Bricerio1; Javier Padillo2; Enrique Fraga2; Eduardo Perea2; Juan Manuel Pascasio2; Miguel Angel Gomez Bravo2; Manuel de la Mata2
1Department of Hepatology and Liver Transplantation, Reina Sofia University Hospital, IMIBIC, CIBEReh, Spain; 2Department of Hepatology and Liver Transplantation, Virgen del Rocio University Hospital, Spain

16.24 **BOS423**
LIVER TRANSPLANTATION FOR HEPATOCELLULAR CARCINOMA AFTER DOWNSTAGING WITH YTTRIUM-90 RADIOEMBOLIZATION
Giovanni Battista Levi Sandri1; Marco Colasanti2; Roberto Cianni2; Rosa Sciuto2; Giovanni Vennarecci2; Giuseppe Maria Ettorre2
1Division of General Surgery and Liver Transplantation San Camillo Hos, Italy; 2San Camillo, Italy; 3If, Italy

16.28 **BOS424**
LONG-TERM OUTCOME OF LIVER RESECTION VERSUS TRANSPLANTATION FOR HEPATOCELLULAR CARCINOMA IN A REGION WHERE LIVING DONATION IS A MAIN SOURCE
Youngkyoung You; Pilsoo Sung; Hyun Yang; Seawon Hwang; Donghoon Kang; Jae Hyun Han; Gun Hyung Na; Hojoong Choi; Shiyoun Bae; Jongyoung Choi; Donggoo Kim; Seung Kew Yoon
Seoul St. Mary’s Hospital, The Catholic University of Korea, Republic of Korea

16.32 **BOS425**
RADIOFREQUENCY ABLATION (RFA) IS SO EFFECTIVE THAT IT SHOULD BE USED IN A SALVAGE RATHER THAN A BRIDGING STRATEGY FOR LIVER TRANSPLANTATION (LT)
Elizabeth Ward; Anya Adair; Hamish Ireland; Stephen O’Neill; Victoria Banwell; Tom Bird; Sarah Kelly; Stephen Wigmore
1Scottish Liver Transplant Unit, Royal Infirmary of Edinburgh, United Kingdom
16.36  **BOS426**
PROGNOSTIC EFFECT OF COMPLETE PATHOLOGIC RESPONSE AFTER TRANSCATHETER ARTERIAL CHEMOEMBOLIZATION FOR HEPATOCELLULAR CARCINOMA
WOOHYOUNG KANG; Shin Hwang; Gi-Won Song; Ki-Hun Kim; Chul-Soo Ahn; Deok-Bog Moon; Dong-Hwan Jung; Gil-Chun Park; Su-Min Ha; Ji-Hyun Seo; Sung-Gyu Lee
Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea

16.40  **BOS427**
THE IMPACT OF BIOLOGICAL MARKERS FOR THE SELECTION OF PATIENTS WITH ADVANCED HEPATOCELLULAR CARCINOMA FOR LIVING DONOR LIVER TRANSPLANTATION
Joo Dong Kim; Dong Lak Choi
Catholic University of Daegu College of Medicine, Republic of Korea

16.44  **BOS428**
HEPATECTOMY VS. LIVER TRANSPLANTATION FOR HEPATOCELLULAR CARCINOMA WITHIN MILAN CRITERIA: ONE HOSPITAL EXPERIENCE IN SOUTH KOREA
In-Gyu Kim; Xu-Guang Hu; Hee-Jung Wang; Bong-Wan Kim; Sung Yeon Hong
Ajou University School of Medicine, Republic of Korea

16.48  **BOS429**
RADIOFREQUENCY ABLATION AS THE FIRST TREATMENT OPTION FOR HCC IN TRANSPLANTABLE PATIENTS. IS THIS THE BEST STRATEGY?
Gonzalo Sapisochin; Adam Doyle; Oleg Mironov; John Kachura; Anand Ghanekar; Rob Beecroft; Seafli Cleary; Morris Sherman; Paul D. Gregi; David Grant
1University Health Network Toronto, Multi Organ Transplant, Canada; 2University Health Network, Canada

16.52  **BOS430**
LIVER TRANSPLANTATION FOR COMBINED HEPATOCELLULAR CARCINOMA AND CHOLANGIOCARCINOMA A CASE MATCH ANALYSIS
Enrico Gringeri; Francesco Enrico D’Amico; Michele Finotti; Michela Di Giunta; Marina Polacco; Domenico Bassi; Riccardo Boetto; Giulia Noaro; Claudia Mescoli; Camillo Aliberti; Giacomo Zanus; Elisa Fasolo; Alessandro Vitale
1Hepatobiliary Surgery and Liver Transplantation Unit, Italy; 2Pathology, Italy; 3Radioogy, Italy

16.00 – 17.00  **BOS32 Clinical immunosuppression 2**
CHAIR(S): Alexander Rosenkranz, Graz, Austria

16.00  **BOS431**
IS POOR OUTCOME OF LIVING DONOR LIVER TRANSPLANTATION FOR PRIMARY SCLEROSING CHOLANGITIS THE NATURE OF THE DISEASE ITSELF OR INSUFFICIENT IMMUNOSUPPRESSION?
Takahito Yagi; Daisuke Nobuoka; Yuzo Umeda; Ryuichi Yoshida; Takashi Kuise; Kosei Takagi; Kenjiro Kumano; Toshiyoshi Fujiwara
1Okayama University Hospital, Japan; 2Hepato-Biliary and Pancreatic Surgery, Okayama University Hospital, Japan; 3Department of Gastroenterological Surgery, Okayama University Graduate School of Medicine, Dentistry, Japan

16.04  **BOS432**
THE IMPACT OF CONVERSION FROM PROGRAF TO GENERIC TACROLIMUS IN LIVER TRANSPLANT RECIPIENTS WITH STABLE GRAFT FUNCTION
Massimo Del Gaudio; Matteo Cesconi; Matteo Ravaiol; Alessandro Cucchetti; Valentina Bertuzzo; Annalisa Amaduzzi; Maria Cristina Morelli; Antonio Daniele Pinna
1Transplantation Unit Prof. A.D. Pinna, S. Orsola Hospital, University of Bologna, Italy; 2Organ Insufficiency Unit, S. Orsola Hospital, University of Bologna, Italy
16.08 BOS433
RENALE PROTECTION STRATEGIES ARE POORLY IMPLEMENTED AFTER LIVER TRANSPLANTATION: THE 12-MONTH RESULTS OF THE ITALIAN NATIONAL STUDY SURF
Stefano Fagiuoli1; Patrizia Burra2; Mauro Salizzoni3; Matteo Cescon4; Luciano De Carlis5; Giovan Giuseppe Di Costanzo6; Alfonso Avolio7; Maria Rendina8; Donato Donati9; Paolo De Simone10
1Gastroenterology, Hepatology and Transplantology, Papa Giovanni XXIII Hospital, Bergamo, Italy; 2Multiorgan transplant unit, University of Padua Medical School Hospital, Padua, Italy; 3General surgery and Liver Transplantation, San Giovanni Battista Hospital, Turin, Italy; 4General surgery and Liver Transplantation, S. Orsola University Hospital, Bologna, Italy; 5General surgery and transplantation, Niguarda Ca’ Granda Hospital, Milan, Italy; 6Hepatology and liver transplantation, Antonio Cardarelli Hospital, Naples, Italy; 7General Surgery and Liver Transplantation, Catholic University, Rome, Italy; 8Gastroenterology, University of Bari, Italy; 9Nephrology, Varese Hospital, Italy; 10Hepatobiliary surgery and liver transplantation, University of Pisa Medical School Hospital, Italy

16.12 BOS434
DONOR AGE PREDICTS TACROLIMUS INDUCED NEUROTOXICITY AFTER LIVER TRANSPLANTATION
Alberto Lué1; Elena Martinez2; Mercedes Navarro2; Viviana Laredo2; Sara Lorente2; Juan Jose Araiz2; Francisco Agustin Garcia-Gil2; Maria Trinidad Serrano1
1Gastroenterology and Liver Unit, Hospital Clinico Universitario Lozano Blesa, IIS Aragon Fundation, Spain; 2Gastroenterology and Liver Unit, Hospital Clinico Universitario Lozano Blesa, Zaragoza, Spain; 3Liver transplant coordination, Intensive Care Unit, Hospital Clinico Universitario Lozano Blesa, Zaragoza, Spain; 4Department of Hepatobiliary and Pancreatic Surgery, Hospital Clinico Universitario Lozano Blesa, Zar, Spain

16.16 BOS435
TYPE OF SURGICAL PROCEDURES AND CLINICAL SIGNIFICANCE OF CALCINEURIN INHIBITOR TEMPORARY DISCONTINUATION REGARDING LT RECIPIENTS UNDERGOING MAJOR ELECTIVE SURGERY
Jongwook Oh1; Chan Woo Cho2; Jong-Man Kim3; Gyu-Seong Choi4; Choon Hyuck D. Kwon5; Jae-Won Joh6; Suk-Koo Lee7; Sung Joo Kim8
Sungkyunkwan University School of Medicine, Samsung Medical Center, Republic of Korea

16.20 BOS436
SAFETY AND Efficacy OF A SHORT INDUCTION WITH ANTI-HUMAN T-LYMPHOCYTE IMMUNOGLOBULIN (RABBIT) IN LIVER TRANSPLANTATION IN HIGH RISK PATIENTS
Martine Neau Cransac1; Stéphanie Roullet2; Jean-Philippe Adam1; Alice Quinart1; Pauline Carles2; Christophe Laurent1; Laurence Chiche1
1Department of hepatobiliary and pancreatic surgery and liver transplantation, Bordeaux University Ho, France; 2Department of anesthesia and reanimation 1, Bordeaux University Hospital, France

16.24 BOS437
LONG-TERM PROLONGED-RELEASE TACROLIMUS-BASED IMMUNOSUPPRESSION IN DE NOVO KIDNEY TRANSPLANT PATIENTS: 3-YEAR PROSPECTIVE FOLLOW-UP OF THE ADVANCE STUDY
Georges Mourad1; Gbenga Kazeem2; Martin Hurst2
1Hôpital Lapeyronie, University of Montpellier Medical School, France; 2Astellas Pharma Global Development, United Kingdom

16.28 BOS438
LONG-TERM PROLONGED-RELEASE TACROLIMUS-BASED IMMUNOSUPPRESSION IN DE NOVO KIDNEY TRANSPLANT PATIENTS: 3-YEAR PROSPECTIVE FOLLOW-UP OF THE ADHERE STUDY
Dirk Kuypers1; Gbenga Kazeem2; Martin Hurst2
1University Hospitals Leuven, Belgium; 2Astellas Pharma Global Development, United Kingdom
16.32

**BOS439**

**CONVERSION FROM TWICE TO ONCE DAILY MELTDOSAGE TACROLIMUS FORMULATION IN STABLE KIDNEY TRANSPLANT RECIPIENTS: PHARMACOKINETICS (PK) IN LOW TROUGH PATIENTS**

Paolo Malvezzi¹; Daniel Stevens²; Wei Du³; Claudio Procaccianti⁴; Lionel Rostaing⁴

¹Service de Néphrologie, Hémodialyse, Apherèses et Transplantation Rénale, CHU Grenoble Alpes, France; ²Veloxis Pharmaceuticals, United States; ³Clinical Statistics Consulting, United States; ⁴Chiesi Farmaceutici S.p.A., Italy

16.36

**BOS440**

**LOWER INTRAPATIENT THROUGH LEVELS VARIABILITY OF RAPAMYCINE COMPARED WITH EVEROLIMUS**

Rosalia Valero¹; Ana Sánchez-Fructuoso²; Emilio Rodrigo³; Isabel Perez-Flores³;
M Angeles De Cos¹; Serena Gatius⁴; Lara Belmar⁵; Jesus Delgado⁶; Cristina Sango⁷; Juan C. Ruiz⁷

¹Hospital U. Valdecilla, Santander, Spain; ²Hospital U. San Carlos, Madrid, Spain

16.40

**BOS441**

**NOCTURNAL DIPPING OF BLOOD PRESSURE IN RENAL TRANSPLANT RECIPIENTS**

Ali Monfared; Mohammadkazem Lebadi; Seyedeh Narjes Mozaffari Choneijani

Urology Research Center, Razı Hospital, School of Medicine, Guilan University of Medical Sciences, R, Iran

16.44

**BOS442**

**SIMPLIFIED ONCE-DAILY IMMUNOSUPPRESSIVE REGIMEN FOR STABLE KIDNEY RECIPIENTS**

Chang-Kwon Oh¹; Su Hyung Lee¹; Sung-Joo Kim²; Kyu Ha Huh²; Yu Seun Kim²

¹Ajou University School of Medicine, Republic of Korea; ²Samsung Medical Center, Republic of Korea

16.48

**BOS443**

**COMPARING PLASMAPHERESIS+ IVIG VERSUS PLASMAPHERESIS+ IVIG+ RITUXIMAB ON MANAGEMENT OF ANTIBODY-MEDIATED ACUTE REJECTION IN KIDNEY TRANSPLANT RECIPIENTS**

Simin Dashti-Khavidaki; Fatemeh Ahmadi; Mohammad-Reza Khatami

Tehran University of Medical Sciences, Iran

16.52

**BOS444**

**THE EFFICACY AND SAFETY OF RITUXIMAB AS INDUCTION THERAPY IN KIDNEY TRANSPLANTATION: A META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS**

Xianding Wang¹; Junru Chen²; Xiang Tu³; Yang Qiu¹; Turun Song¹; Tao Lin¹

¹Department of Urology/Institute of Urology/ Organ Transplantation Center, West China Hospital, Sichu, China; ²West China School of Clinical Medicine, Sichuan University, China

16.00 – 17.00

**BOS33**  **Strategies to decrease ischemia-reperfusion injury**

Room 125

Chair(s): Ina Jochmans, Leuven, Belgium

16.00

**BOS445**

**RE-EVALUATING CUT-OFF POINTS FOR THE EXPANSION OF DECEASED DONOR CRITERIA FOR KIDNEY TRANSPLANTATION IN JAPAN**

Yuki Nakagawa¹; Kazuhide Saito²; Masahiro Ikeda¹; Masayuki Tasaki¹; Atsushi Aikawa²;
Kota Takahashi¹; Yoshihiko Tometža²

¹Division of Urology, Department of Regenerative and Transplant Medicine, Graduate School of Medical, Japan; ²Japan Organ Transplant Network, Tokyo, Japan, Japan; ³Otsukadai Clinic, Japan

16.04

**BOS446**

**THE EFFECT OF MANNITOL IN LIVING DONOR RENAL GRAFT FUNCTION**

Amin Soliman; Sahier Khashab; Nazmy Seif; Basma Elbaz; Manar Elkholy

Cairo University, Egypt
16.08  **BOS447**  RENAL TRANSPLANT ISCHEMIA/REPERFUSION INJURY CORRECTION WITH CYTOKINES ADSORPTION: EARLY AND LONG-TERM RESULTS  
Alexey Zulkarnaev; Andrey Vatazin; Dmitrii Artemov  
Moscow Regional Research and Clinical Institute, Russian Federation

16.12  **BOS448**  ISCHEMIA REPERFUSION INJURY CAUSES LOCAL RELEASE OF FREE HEME WHICH AGGRAVATES ACUTE KIDNEY INJURY  
Faikah Gueler; Stephan Immenschuh; Li Wang; Rongjun Chen; Anja Thorenz; Sebastian Rauhut; Kukuh Madyaningrana; Song Rong; Hermann Haller; Vijith Vijayan  
Hannover Medical School, Germany

16.16  **BOS449**  DONOR REMOTE ISCHEMIC PRECONDITIONING DOES NOT IMPROVE KIDNEY TRANSPLANT OUTCOME  
Agnieszka Lepiesza¹; Artur Pupka¹; Katarzyna Kościelska-Kasprzak²; Dorota Kamińska²; Dorota Bartoszek²; Marcelina Zabińska²; Paweł Chudoba¹; Oktawia Mazanowska²; Marian Klinger²; Piotr Szyber¹  
¹Department of Vascular, General and Transplant Surgery, Wroclaw Medical University, Poland; ²Department of Nephrology and Transplantation Medicine, Wroclaw Medical University, Poland

16.20  **BOS450**  ERK AND HIF1 PLAY A MAJOR ROLE IN HYPOTHERMIC PROTECTION AGAINST RENAL ISCHEMIA-REPERFUSION INJURY  
Kang Wook Lee¹; Dae Eun Choi²; Ki-Ryang Na²; Chang Hun Song¹; Jin Young Jeong³; Yoon-Kyung Chang⁴  
¹Nephrology/Chungnam National University, Republic of Korea; ²Department of Medical Science/Chungnam National University, Republic of Korea; ³Department of Medical Science/Chungnam National University, Republic of Korea; ⁴Nephrology/Catholic University of Korea, Republic of Korea

16.24  **BOS451**  OMEGA-3 FATTY ACID AMELIORATES RENAL ISCHEMIA REPERFUSION INJURY VIA AUTOPHAGIC FLUX  
Jwa-Jin Kim¹; Jin Young Jeong³; Chang Hun Song¹; Dae Eun Choi²; Yoon-Kyung Chang⁴; Kang Wook Lee⁶; Ki-Ryang Na⁶  
¹Anatomy/Chungnam National University, Republic of Korea; ²Department of Medical Science/Chungnam National University, Republic of Korea; ³Department of Medical Science/Chungnam National University, Republic of Korea; ⁴Nephrology/Chungnam National University, Republic of Korea; ⁵Nephrology/Catholic University of Korea, Republic of Korea; ⁶Nephrology/Chungnam National University, Republic of Korea

16.28  **BOS452**  THE EFFECTS OF GLUTATHIONE SUPPLEMENTATION ON KIDNEYS UNDERGOING HYPOTHERMIC MACHINE PERFUSION  
Charlotte Turnbull¹; William Ries¹; Kamlesh Patel¹; Tom Smith¹; Andrew Ready²; Jay Nath²; Christian Ludwig³  
¹University of Birmingham, United Kingdom; ²Queen Elizabeth Hospital, Birmingham, United Kingdom; ³Institute of Metabolism and Systems Research, University of Birmingham, United Kingdom

16.32  **BOS453**  PERIPHERAL ISCHAEMIC PRECONDITIONING-A METHOD TO REDUCE KIDNEY ISCHAEMIA REPERFUSION INJURY  
David Foxwell¹; U Khalid³; T Bowen²; D Fraser²; G Pino-Chavez²; R Chavez²  
¹Wales Kidney Research Unit (WKRU), United Kingdom; ²Wales Kidney Research Unit (WKRU), Department of Nephrology, Institute of Molecular & Experimental M, United Kingdom
16.36

**BOS454**

P66SHC: A DRUGGABLE TARGET IN THE PREVENTION OF ISCHEMIA-REPERFUSION INJURY (IRI)?

Sana Khalid¹; Jakob Troppmair²

¹Medical University of Innsbruck, Austria; ²Innsbruck Medical University, Austria

16.40

**BOS455**

TREATMENT WITH ATGS BEFORE REPERFUSION REDUCE VASCULAR INFLAMMATORY RESPONSE IN HUMAN VESSELS

Henryk Haffer¹; Pengfei Wang¹; Manfred Richter²; Isabella Werner¹; Anton Moritz¹; Christian Vahl³; Andres Beiras-Fernandez⁴

¹University Hospital Frankfurt, Germany; ²Kerkhoff Klinik Bad Nauheim, Germany; ³University Hospital Mainz; Department of Cardiothoracic Surgery, Germany

16.44

**BOS456**

EARLY APPLICATION OF MTOR INHIBITORS REDUCE VASCULAR INFLAMMATORY RESPONSE AFTER ISCHEMIA-REPERFUSION INJURY

Mike Wenzel¹; Pengfei Wang¹; Isabella Werner¹; Manfred Richter²; Anton Moritz¹; Christian Vahl³; Andres Beiras-Fernandez⁴

¹University Hospital Frankfurt, Germany; ²Kerkhoff Klinik Bad Nauheim, Germany; ³University Hospital Mainz; Department of Cardiothoracic Surgery, Germany

16.48

**BOS457**

EXTRACELLULAR VESICLES DEPRIVED FROM MECENCHYMAL STEM CELLS ALLEVIATED LIVER ISCHEMIA-REPERFUSION INJURY BY SUPPRESSING THE ACTIVATION OF RHOA-ROCK PATHWAY

Ying-cai Zhang; Xiao Feng; Liang Chen; Jia Yao; Qi Zhang; Yang Yang; Gui-hua Chen

Third Affiliated Hospital of Sun Yat-sen University, China

16.52

**BOS458**

THE IMPACT OF SIMVASTATIN DONOR THERAPY ON CHRONIC ALLOGRAFT VASCULOPATHY; INVESTIGATIONS IN A MURINE AORTIC TRANSPLANTATION MODEL

Benno Cardini¹; Rebecca Eiter¹; Rupert Oberhuber¹; Katrin Watschinger²; David Bernhard³; Christina Steger⁴; Dietmar Öfner¹; Ernst Werner²; Manuel Maglione¹

¹Department of Visceral, Transplant, and Thoracic Surgery/ Medical University Innsbruck, Austria; ²Division of Biological Chemistry, Biocentre, Medical University of Innsbruck, Austria; ³Cardiac Surgery Research Laboratory/Department of Cardiac Surgery/Innsbruck Medical University, Austria; ⁴Department of Pathology, Academic Teaching Hospital Feldkirch, Austria

16.00 – 17.00

**BOS34**

Predicting the future through the microscope

Chair(s): Manuel Pascual, Lausanne, Switzerland

Room 127

16.00

**BOS459**

SIGNIFICANT IMPACT OF C3D BINDING WITH DE NOVO HLA-DRB3-5 AND DQ DONOR-SPECIFIC ANTIBODIES ON ANTIBODY-MEDIATED REJECTION AFTER KIDNEY TRANSPLANTATION

Kenji Nishimura; Tomoko Kinoshita; Mitsuo Hashimoto; Ryo Tanaka; Eisuke Tomiyama; Sayoko Yonemoto; Kazuaki Yamanaka; Daisuke Hayashi; Masahiro Nakagawa; Hidefumi Kishikawa

Hyogo Prefectural Nishinomiya Hospital, Japan

16.04

**BOS460**

THE EARLY OUTCOMES OF RECIPIENTS WITH PRE-TRANSPLANT DONOR-SPECIFIC ANTIBODIES IN CROSSMATCH NEGATIVE RENAL TRANSPLANTATION

Ji Yoon Choi¹; Joo Hee Jung²; Sung Shin³; Young Hoon Kim³; Duck Jong Han²

¹Department of Surgery Asan Medical Center College of Medicine Ulsan University Seoul, Republic of Korea; ²Asan Medical Center, Republic of Korea
16.08 BOS461
ANALYSIS OF INFILTRATING T CELLS IN ACUTE T CELL-MEDIATED REJECTION IN THE KIDNEY TRANSPLANT (ATCMR-KTX)
Francisco Salcido-Ochoa1; Susan Swee-Shan Hue2; Siyu Peng1; Zhaoxiang Fan1; Jaben Iqbal1;
John Carson Jr Allen2; Alwin Hwai Liang Loh1
1Singapore General Hospital, Singapore; 2National University Hospital, Singapore;
3Duke–NUS, Singapore

16.12 BOS462
PERIPHERAL BLOOD LYMPHOCYTE SUBSETS IN THE DIAGNOSIS OF CHRONIC RENAL ALLOGRAFT REJECTION
Ruben Zograbian; Vladislav Zakordonetz; Vladimir Shelest
1Shalimov’s National Institute of Surgery and Transplantation by Shalimov A.A., Ukraine

16.16 BOS463
EARLY ISOLATED V-LESION MAY NOT TRULY REPRESENT ACUTE REJECTION
Mariana Wohlfahrtova1; Petra Hruba2; Marek Novotny1; Zdenek Krejcik1; Viktor Stranecky4;
Eva Honsova1; Petra Vichova5; Ondrej Viklicky6
1Department of Nephrology, Institute for Clinical and Experimental Medicine, Prague, Czech Republic; 2Transplant Laboratory, Institute for Clinical and Experimental Medicine, Prague, Czech Republic; 3Institute of Hematology and Blood Transfusion, Prague, Czech Republic; 4Institute of Inherited Metabolic Disorders, 1st Faculty of Medicine Charles University and General F, Czech Republic; 5Department of Clinical and Transplant Pathology, Institute for Clinical and Experimental Medicine, Prague, Czech Republic; 6Department of Immunogenetics, Institute for Clinical and Experimental Medicine, Prague, Czech Republic

16.20 BOS464
CX3CL1 IS SIGNIFICANTLY UPREGULATED IN BIOPSIES FROM ACUTELY REJECTING KIDNEY TRANSPLANT RECIPIENTS
Maria Paula Xavier1; Susana Sampaio-Norton2; Jose Gerardo Oliveira3
1Instituto Português do Sangue e da Transplantação, Portugal; 2Unidade R&D de Nefrologia, FMUP/CHSJ, Portugal; 3CINTESIS-FMUP/CHSJ, Portugal

16.24 BOS465
C REACTIVE PROTEIN IS MODULATED BY SUBCLINICAL REJECTION IN KIDNEY ALLOGRAFT SURVEILLANCE BIOPSIES
Clara García Carro1; Christina Dorje2; Anders Åsberg2; Karsten Midtvedt3; Hallvard Holdaas4;
Anna V. Reisaeter1; Daniel Serøn1
1Hospital Vall d’Hebron, Spain; 2Oslo University Hospital Rikshospitalet, Norway

16.28 BOS466
CXCL10 EXPRESSION PREDICTS ACUTE T-CELL MEDIATED REJECTION IN HUMAN AND RAT RENAL TRANSPLANTAION
Kazuaki Yamanaka1; Koichi Tsutahara2; Shigeaki Nakazawa3; Yoichi Kakuta3; Toyofumi Abe3;
Ryoichi Imamura2; Norio Nonomura2
1Department of Urology, Hyogo Prefectural Nishinomiya Hospital, Japan; 2Department of Urology, Osaka general medical center, Japan; 3Department of Urology, Osaka University Graduate School of Medicine, Japan

16.32 BOS467
HOW HARMFUL IS SUBCLINICAL VASCULAR REJECTION?
Marek Novotny; Petra Hruba; Petra Vichova; Eva Honsova; Ondrej Viklicky; Mariana Wohlfahrtova Institute for Clinical and Experimental Medicine, Czech Republic

16.36 BOS468
SENESCENCE AND KIDNEY TRANSPLANT
Maria Cora Giordani1; Silvia Christiansen2; Maria Jose Labanca3; Roxana Groppa2; Cesar Andres Mombelli1; Maria Lorena Ocampo2; Guillermo Javier Rosa Diez2; Nora Cristina Imperiali2
1Hospital Italiano de Buenos Aires, Argentina; 2Hospital Italiano Buenos Aires, Argentina
16.40  **BOS469**  
**REJECTION IS A STRONG GRAFT SURVIVAL PREDICTOR IN LIVE DONOR PEDIATRIC RENAL TRANSPLANTATION: 10 YEAR OUTCOME IN A SINGLE MEXICAN CENTER**  
Gustavo Martinez-Mier; Marco Tulio Mendez-Lopez; Ernesto Soto-Miranda; Pedro Ivan Moreno-Ley; Luis Budar-Fernandez; Carlos G Rizo-Velazquez; Lucia Vega-Roiano  
IMSS UMAE 14 Adolfo Ruiz Cortines, Mexico

16.44  **BOS470**  
**RENAI BIOPSY AS PREDICTIVE TOOL FOR FAILING GRAFTS: A SINGLE CENTER ANALYSIS IN 153 CASES**  
Antonio Layacca; Gloria Giovinazzo; Maria Messina; Antonio Linsalata; Maura Rossetti; Antonella Barreca; Luigi Biancone  
Università degli Studi di Torino/AOU Città della Salute e della Scienza di Torino, Italy

16.48  **BOS471**  
**COMPARISON OF THE TREATMENT EFFICACY OF RITUXIMAB AND PLASMAFHERESIS/INTRAVENOUS IMMUNOGLOBULIN COMBINATION WITH HISTORICAL CONTROL IN CHRONIC ANTIBODY MEDIATED REJECTION**  
Çağlar Ruhi; Murat Tuğcu; Umut Kasapoğlu; Ali Murat Gökçe; Pınar Ata; İzzet Mesut Titiz  
1Haydarpaşa Numune Research and Training Hospital, Transplantation Center, Turkey; 2Marmara University Faculty of Medicine, Department of Medical Genetics, Turkey

16.52  **BOS472**  
**LONG-TERM OUTCOMES OF KIDNEY TRANSPLANT RECIPIENTS WITH PRIMARY IDIOPATHIC FOCAL SEGMENTAL GLOMERULOSCLEROSIS (FSGS)**  
Dmytro Khadzhynov; Fabian Halleck; Lukas Lehner; Klemens Budde; Oliver Staeck  
Nephrology/ University Medicine Charité, Germany

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**Full oral sessions**

17.05 – 18.35  **OS37**  
**Deceased donor risk and kidney allocation**  
Chair(s): Chris Watson, Cambridge, United Kingdom; Joke Roodnat, Rotterdam, The Netherlands

17.05  **OS337**  
**KIDNEY DONOR RISK INDEX IS A GOOD PROGNOSTIC TOOL FOR PREDICTION OF EARLY POST-TRANSPLANT KIDNEY FUNCTION AND GRAFT SURVIVAL IN KOREAN POPULATION**  
Han Ro; Yeon Ho Park; Miyeun Han; Jong Cheol Jeong; Jaeseok Yang; Curie Ahn  
1Gachon University Gil Medical Center, Republic of Korea; 2Seoul National University Hospital, Republic of Korea; 3Ajou University School of Medicine, Republic of Korea

17.12  **OS338**  
**VALIDATION OF THE PROGNOSTIC KIDNEY DONOR RISK INDEX (KDRI) SCORING SYSTEM OF DECEASED DONORS FOR RENAL TRANSPLANTATION IN THE NETHERLANDS**  
Hessel Peters-Sengers; Martin B.A. Heemskerk; Ronald B. Geskus; Jesper Kers; Jaap J. Homan van der Heide; Stephan P. Berger; Frederike J. Bemelman  
1Academic Medical Center, Amsterdam, The Netherlands; 2Dutch Transplant Foundation, Leiden, The Netherlands; 3UMC Groningen, The Netherlands

17.19  **OS339**  
**SATISFACTORY OUTCOME OF VERY HIGH KDPI KIDNEYS IN ELDERLY KIDNEY TRANSPLANT RECIPIENTS IN EUROPE**  
Fabian Halleck; Dmytro Khadzhynov; Gregor Rehse; Lukas Lehner; Eva Schrezenmeier; Michael Dürr; Klemens Budde; Oliver Staeck  
Department of Nephrology, Charité University Medicine Berlin, Germany
OS340
COMPARISON OF COMBINATIVE IMPACT OF HIGH KIDNEY DONOR PROFILE INDEX (KDPI) AND PRESENCE OF SCLEROSIS ON POST-TRANSPLANT OUTCOMES IN KIDNEY TRANSPLANTATION
Janis Jushinskis¹; Vadims Suhorukovs¹; Aleksandrs Malcevs¹; Ieva Ziedina²; Viktorija Grineva³; Diana Amerika²; Anastasija Trofimovica²; Rafails Rozentals¹
¹Riga Stradins University, Latvian Transplantation Center, Latvia; ²Riga Stradins University, Latvia; ³Latvian Transplantation Center, Latvia

OS341
VARIATIONS IN RISK-APPETITE BETWEEN UK KIDNEY TRANSPLANT CENTRES AND IMPACT ON PATIENT AND GRAFT OUTCOMES
Patrick Trotter¹; Matthew Robb¹; Dominic Summers¹; Christopher Watson¹; James Neuberger¹; Christopher Callaghan⁴
¹University of Cambridge, United Kingdom; ²NHS Blood and Transplant, United Kingdom; ³Queen Elizabeth Hospital, Birmingham, United Kingdom; ⁴Guys and St Thomas’ NHS Foundation Trust, United Kingdom

OS342
PROPENSITY SCORE-BASED COMPARISON OF THE GRAFT FAILURE RISK BETWEEN KIDNEY TRANSPLANT RECIPIENTS OF STANDARD AND EXPANDED CRITERIA DONOR GRAFTS: TOWARDS INCREASING THE POOL OF MARGINAL DONORS
Anne-Hélène Querard¹; Florent Leborgne²; Angelina Dion²; Magali Giral²; Emmanuel Morelon³; Valérie Garrigue³; Georges Mourad⁴; Nassim Kamar⁴; Alexandre Loupy⁴; Christophe Legendre⁴; Lionel Rostaing⁵; Fanny Buron⁵; Yohann Foucher⁵; Etienne Dantan⁵
¹Centre Hospitalier Departemental de Vendée, Inserm UMR 1246, Nantes University, Tours university, France; ²INSERM UMR 1246 - SPHERE, Nantes university, Tours University, France; ³Transplantation, Urology and Nephrology Institute, CHU Nantes, RTRS Centaure, INSERM 1064, Nantes un, France; ⁴Nephrology, Transplantation and Clinic Immunology Department, Edouard Herriot University Hospital, H, France; ⁵Nephrology, Dialysis and Transplantation Department, Lapeyronie University Hospital, Montpellier, Fr, France; ⁶Nephrology, Dialysis, and Organ Transplantation Department, Rangueil University Hospital and Univers, France; ⁷Kidney Transplant Center, Necker University Hospital, APHP and Paris Descartes and Sorbonne Paris Ci, France

OS343
ABSENCE OF INDEPENDENT AND ADDITIONAL PREDICTIVE ABILITY OF PREIMPLANTATION KIDNEY ALLOGRAFT BIOPSIES FOR LONG-TERM OUTCOME: POPULATION BASED STUDY
Olivier Aubert; Denis Viglietti; Charlotte Loheac; Marion Rabant; Clément Gosset; Jean-Paul Duong Van Huyen; Denis Glotz; Christophe Legendre; Carmen Lefaucheur; Alexandre Loupy
Paris Translational Research Center for Organ Transplantation, France

OS344
DELAYED GRAFT FUNCTION AND LONG-TERM GRAFT SURVIVAL IN DBD AND DCD KIDNEY RECIPIENTS
Allan Massie; Dorry Segev
Johns Hopkins University, United States

OS346
EXTRACTION TIME DURING ORGAN DONATION IS ASSOCIATED WITH GRAFT LOSS AFTER KIDNEY TRANSPLANTATION: A EUROTRANSPLANT COHORT STUDY
Line Heylen¹; Jacques Pirenne¹; Undine Samuel¹; Ineke Tieker²; Maarten Naesens¹; Ben Sprangers¹; Ina Jochmans¹
¹University Hospitals Leuven, Belgium; ²Eurotransplant, The Netherlands

OS345
THE IMPACT OF DONOR-RECIPIENT AGE DIFFERENCE ON GRAFT FUNCTION AND SURVIVAL AFTER DECEASED-DONOR KIDNEY TRANSPLANTATION
Chan-Duck Kim; Ryang Hi Kim; Sang Mi Park; Jung Hwa Park; Kyung Hee Lee; Eun Song Lee; Jeong-Hoon Lim; Kyu Yeun Kim; Hee-Yeon Jung; Ji-Young Choi; Jang-Hee Cho; Sun-Hee Park; Yong-Lim Kim
Department of Internal Medicine, Kyungpook National University School of Medicine, Republic of Korea
18.15
KAS IMPLEMENTATION IN THE US REDUCES RACIAL DISPARITIES IN KIDNEY TRANSPLANT ACCESS: A MULTISTATE MODELING APPROACH USING TIME-VARYING PRA STATES AND ACTIVITY STATUS
Sanjay Kulkarni1; Isaac Hall1; Richard Formica1; Darren Steward1; Eric Green4; Yanhong Deng4
1Yale University School of Medicine, United States; 2University of Utah School of Medicine, United States; 3United Network of Organ Sharing, United States; 4Yale School of Public Health, United States

18.22
THE NEW KIDNEY ALLOCATION SYSTEM IN FRANCE RESULTS IN A SIGNIFICANT INCREASE IN TRANSPLANT ACCESS RATE, AGE AND HLA DR-DQ MATCHING FOR YOUNG ADULTS
Christian Jacquelinet; Benoit Audry; Florian Bayer; Marie-Alice Macher
Agence de la biomédecine, France

17.05 – 18.35
Surgical technique in live liver donation and liver transplantation
CHAIR(S): Wojciech Polak, Rotterdam, The Netherlands, Constantino Fondevila, Barcelona, Spain

17.05
TECHNICAL ASPECTS OF LIVER TRANSPLANTATION - A SURVEY-BASED STUDY WITHIN THE EUROTRANSPLANT, SWISSTRANSPLANT, SCANDIATRANSPLANT AND BRITISH TRANSPLANTATION SOCIETY NETWORKS
Zoltan Czigany1; Wenzel Schöning1; Tom Florian Ulmer1; Jan Bednarisch1; Andreas Schnitzbauer2; Marcus N Scherer1; Markus Guba4; Jürgen Krempnauer2; Silvio Nadalin6; Uta Herden7; Hauke Lang8; Andreas Paul9; Johann Pratschke10; Daniel Seehofer11; Matthias Glanemann12; Felix Braun13; Norbert Senninger14; Utz Settmacher15; Christiane Brunz16; Arianeb Mehrabi17; Stefanie Wolff18; Ingo Klein19; Jörg C Kalf20; Ernst Klar21; Gabriela A Berlakovitch22; Stefan Schneeberger23; Peter Schemmer24; Mate Skegro25; Michel Meurisse26; Valerio Lucidi27; Xavier Rogiers28; Jacques Pirenne29; Jan Lerut30; Matjaz Veselko31; Ales Tomazic32; Zoltan Mathe32; Philipp Dutkowski33; Vanessa Banz-Wüthrich34; Pál-Dag Line35; Allan Rasmussen36; Bo-Goran Ericzon37; Helena Isoniemi38; Massimo Malago39; Nigel Heaton40; Stephen Wigmore41; Ulf Peter Neumann42; Georg Lurje43
1University Hospital RWTH Aachen, Department of Surgery and Transplantation, Aachen, Germany; 2University Hospital Frankfurt, Department of Surgery and Transplantation, Frankfurt, Germany; 3University Hospital Regensburg, Department of Surgery and Transplantation, Regensburg, Germany; 4University Hospital Munich, Department of Surgery, Munich, Germany; 5University Hospital Hannover, Department of Surgery and Transplantation, Hannover, Germany; 6University Hospital Tuebingen, Department of Surgery and Transplantation, Tuebingen, Germany; 7University Hospital Hamburg-Eppendorf, Department of Hepatobiliary Surgery and Transplantation, Hamb, Germany; 8University Hospital Mainz, Department of Surgery and Transplantation, Mainz, Germany; 9University Hospital Essen, Department of Surgery and Transplantation, Essen, Germany; 10University Hospital Berlin - Charité, Department of Surgery and Transplantation, Berlin, Germany; 11University Hospital Leipzig, Department of Hepatobiliary Surgery and Transplantation, Leipzig, Germany; 12Saarland University Medical Center, Department of Surgery and Transplantation, Homburg, Germany; 13University Hospital Schleswig-Holstein, Department of Surgery and Transplantation, Kiel, Germany; 14University Hospital Muenster, Department of Surgery and Transplantation, Muenster, Germany; 15University Hospital Jena, Department of Surgery and Transplantation, Jena, Germany; 16University Hospital Cologne, Department of Surgery, Cologne, Germany; 17University Hospital Heidelberg, Department of Surgery and Transplantation, Heidelberg, Germany; 18University Hospital Magdeburg, Department of Surgery, Magdeburg, Germany; 19University Hospital Würzburg, Unit of Transplantation and HPB Surgery, Würzburg, Germany; 20University Hospital Bonn, Department of Surgery, Bonn, Germany; 21University Hospital Rostock, Department of Surgery and Transplantation, Rostock, Germany; 22University Hospital Vienna, Department of Hepatobiliary Surgery and Transplantation, Vienna, Austria; 23University Hospital Innsbruck, Department of Surgery and Transplantation, Innsbruck, Austria; 24University Hospital Graz, Department of Transplantation Surgery, Graz, Austria; 25University Hospital Zagreb, Department of Surgery and Transplantation, Zagreb, Croatia; 26Centre Hospitalier Universitaire du Sart Tilman, Liège, Department of Abdominal Surgery and Transplant, Belgium; 27Université Libre de Bruxelles, Department of Solid Organ Transplantation, Bruxelles, Belgium; 28University Hospital Gent, Department of Solid Organ Transplantation, Gent, Belgium; 29University Hospital Gent, Department of Solid Organ Transplantation, Gent, Belgium...
17.12

**OS350**

BACK-TABLE HEPATIC ARTERY RECONSTRUCTION IN ORTHOTOPIC LIVER TRANSPLANTATION – INFERIOR OUTCOMES?

Hannah Esser; Beatrix Mutschlechner; Benno Cardini; Rupert Oberhuber; Christian Margreiter; Thomas Resch; Dietmar Öfner; Stefan Schneeberger; Manuel Maglione

Department of Visceral, Transplant, and Thoracic Surgery, Medical University Innsbruck, Austria

17.19

**OS351**

LIVER TRANSPLANTATION FOR INCURABLE HEPATIC ALVEOLAR ECHINOCOCCOSIS: FORTY-FOUR CASES FROM AN ENDEMIC REGION

Gurkan Ozturk; Ercan Korkut; Nurhak Aksungur; Bulent Aydinli; Onder Tan; Ali Ahiskalioglu; Remalettin Ozden; Mecit Kantarci; Adurrahim Colak

1Ataturk University Transplant Center, Turkey; 2Ataturk University School of Medicine Department of General Surgery, Turkey; 3Akdeniz University, Turkey; 4Ataturk University School of Medicine Department of Plastic Surgery, Turkey; 5Ataturk University School of Medicine Department of Anesthesiology, Turkey; 6Ataturk University School of Medicine Department of Infectious Diseases, Turkey; 7Ataturk University School of Medicine Department of Radiology, Turkey; 8Ataturk University School of Medicine Department of Cardiovascular Surgery, Turkey

17.26

**OS352**

THE USAGE OF LIVE DONOR GRaFTs WITH MULTIPLE BILE DUCTS DOES NOT NEGATIVELY IMPACT PATIENT OUTCOME IN LDLT

Dagmar Kollmann; Nicolas Goldaracena; Gonzalo Sapisochin; Nazia Selzner; Mamatha Bhat; Mark S. Cattral; Paul D. Greig; Leslie Lilly; lan D. McGilvray; Anand Ghanekar; David R. Grant; Markus Selzner

Multi Organ Transplant Program, Department of Surgery, Toronto General Hospital, Canada

17.33

**OS353**

IMPACT OF ABERRANT LEFT HEPATIC ARTERY LIGATION ON THE OUTCOME OF LIVER TRANSPLANTATION

Andrea Benedetti Cacciaguerra; Roberto Montalti; Daniele Nicolini; Martina Coletta; Lesley De Petrò; Roberto Ivan Troisi; Moccobagni Federico; Vivarelli Marco

1Hepatobiliary and Abdominal Transplantation Surgery, Polytechnic University of Marche, Ancona, Italy; 2Anesthesiology and Intensive Care Unit, Arcispediale Santa Maria Nuova IRCCS, Reggio Emilia Italy, Italy; 3Department of General and Hepato-Biliary Surgery, Liver Transplantation Service, Ghent University Ho, Belgium

17.40

**OS354**

OUTCOME FOLLOWING RIGHT-EXTENDED SPLIT LIVER TRANSPLANTATION IN THE RECENT TRANSPLANT ERA

Uta Herden; Lutz Fischer; Bjoern Nashan

University Medical Center Hamburg-Eppendorf, Germany
OS355 REDUCING TRANSFUSION REQUIREMENTS IN LIVING DONOR LIVER TRANSPLANTATION: 
DO WE NEED POINT OF CARE COAGULATION MANAGEMENT?
Murat Dayangac; Ahmet Gokhan Saritas; Birkan Bozkurt; Yalcin Erdogan; 
Fisun Bulutcu; Yildiray Yuzer; Yaman Tokat 
Istanbul Bilim University Florence Nightingale Hospital, Turkey

OS356 ANASTOMOSIS TIME DURING LIVER TRANSPLANTATION IMPAIRS TRANSPLANT SURVIVAL
Ina Jochmans1; Steffen Fieuws2; Ineke Tieken1; Samuel Undine3; Jacques Pirenne1 
1University Hospitals Leuven, Belgium; 2KU Leuven, Belgium; 3Eurotransplant, The Netherlands

OS357 ENDOSCOPIC TREATMENT OF EARLY BILE LEAKAGE FOLLOWING ORTHOTOPIC LIVER 
TRANSPLANTATION - A WORD OF CAUTION?
Hannah Esser; Beatrix Mutschlechner; Thomas Resch; Benno Cardini; Rupert Oberhuber; 
Christian Margreiter; Dietmar Öfner; Stefan Schneeberger; Manuel Maglione 
Department of Visceral, Transplant and Thoracic Surgery; Center of Operative Medicine; 
Medical Unive, Austria

OS358 IMPACT OF SIMULTANEOUS SPLENECTOMY IN LIVING DONOR LIVER TRANSPLANTATION 
ANALYZED BY PROPENSITY SCORE MATCHING
Tomoharu Yoshizumi; Shinji Itoh; Nonfumi Harimoto; Noboru Harada; Takashi Motomura; 
Yohei Mano; Toru Ikenami; Yuji Soejima; Yoshihiko Maehara 
Kyushu University Hospital, Japan

OS359 SURGICAL OUTCOMES OF LIVING DONOR LIVER SURGERY: TECHNICAL KNACK FOR ZERO 
MORBIDITY
Takashi Kuise; Yuzo Umeda; Ryuichi Yoshida; Daisuke Nobuoka; Kenjiro Kumano; 
Takeshi Koujima; Kosei Takagi; Toshiyoshi Fujiwara; Takahito Yagi 
Okayama University, Japan

OS360 PEDIATRIC LIVING DONOR LIVER TRANSPLANTATION USING PURE LAPAROSCOPIC DONOR 
HEPATECTOMY : A COMPARATIVE STUDY
Wan-Joon Kim1; Ki-Hun Kim2 
1Korea University Guro Hospital, Republic of Korea; 2Asan Medical Center, Republic of Korea

OS39 Day 0 assessment of rejection risk
chair(s): Carmen Lefaucheur, Paris, France

OS361 PREFORMED DONOR HLA-DP SPECIFIC ANTIBODIES INFLUENCE THE RISK OF ANTIBODY 
MEDIATED REJECTION IN SENSITIZED PATIENTS WITHOUT ANY OTHER PREFORMED 
DONOR HLA SPECIFIC ANTIBODIES
Ivana Kovacevic Vojtusek1; Vanja Ivkovic; Ljubica Bubic Filipi2; Nikola Basic Jukic2; 
Ruzica Smalcilj; Ivo Barisic1; Stela Bulimbasic1; Marijana Coric2; Marija Burek Kamenaric2; 
Bojan Jelakovic2; Zeljko Kastelan2; Renata Zunic3 
1University Hospital Clinic Zagreb, Croatia; 2University Hospital Center Zagreb, Croatia; 3University 
Hospital Clinical Zagreb, Croatia
17.12 OS362
DISTINCT USEFULNESS OF PRETRANSPLANT ENDOTHELIAL CELL CROSSMATCH AND ANGIOTENSIN II TYPE 1 RECEPTOR ANTIBODIES TO PREDICT GRAFT FUNCTION AND ALLOGRAFT REJECTION IN KIDNEY TRANSPLANTATION
Shinae Yu; Jae Bem Park; Sung-Joo Kim; Wooseong Huh; Eun-Suk Kang
1Haeundae Paik Hospital Inje University College of Medicine, Republic of Korea; 2Department of Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Republic of Korea; 3Department of Internal Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Republic of Korea; 4Department of Laboratory Medicine and Genetics, Samsung Medical Center, Sungkyunkwan University School, Republic of Korea

17.19 OS363
COST EFFICACY OF SIMULTANEOUS IMMUNEADSORPTION AND HAEMODIALYSIS IN ABOI RENAL TRANSPLANTATION
Søren Schwartz Sørensen; Vibeke Østergaard Kristensen
1Copenhagen University Hospital/Rigshospitalet/Department of Nephrology, Denmark; 2Rigshospitalet Copenhagen University Hospital, Denmark

17.26 OS364
THE PROGNOSTIC VALUE OF INDIVIDUAL HISTOLOGIC LESIONS AND COMPOSITE SCORES IN BASELINE BIOPSIES FOR SHORT-TERM KIDNEY ALLOGRAFT FUNCTION
Andriy Trailin; Tamara Nykonenko; Olexander Nykonenko; Tatiana Ostapenko; Sergiy Vildanov
Zaporizhzhia Medical Academy of Post-Graduate Education Ministry of Health of Ukraine, Ukraine

17.33 OS365
PREDICTIVE ABILITY OF IMPLANTATION BIOPSY FOR SLOW GRAFT FUNCTION AFTER KIDNEY TRANSPLANTATION
Yoji Hyodo; Masaki Muramatsu; Michael Sheaff; Atsushi Aikawa; Magdi Yaqoob
1Department of Nephrology Toho University Faculty of Medicine, Japan; 2Cellular Pathology The Royal London Hospital, United Kingdom; 3Nephrology and Transplantation The Royal London Hospital, United Kingdom

17.40 OS366
INTERIM RESULTS OF THE PRISM (PREDICTION OF REJECTION IN SENSITIZED PATIENT BLOOD SAMPLES) TRIAL
Flavio Vincenti; Tara Sigdel; Neil Mercer; Minnie Sarwal
1University of California, San Francisco, United States; 2University of California, San Francisco, United States

17.47 OS367
LONG-TERM RESULTS OF DESENSITIZATION PROTOCOL WITH AND WITHOUT RITUXIMAB IN HIGHLY SENSITIZED KIDNEY TRANSPLANT RECIPIENTS
Eytan Mor; Sigal Azner; Eviatar Nesher; Vadym Mezhovyosky; Michael Gurevich; Ruth Rahamimov; Rachel Michowiz; Moshe Israeli
1Rabin Medical Center Beilinson Hospital, Israel; 2Rabin Medical Center, Israel; 3Rabin Medical Centre, Israel

17.54 OS368
C3D NEGATIVE HLA-SPECIFIC DSA PRE-TRANSPLANTATION DOES NOT HAVE ADVERSE OUTCOME FOLLOWING DIRECT TRANSPLANTATION DESPITE POSITIVE CROSS MATCH AGAINST THE DONOR
Adarsh Babu; Olivia Shaw; David Briggs; Sian Griffin; Adrienne Seitz; Nithya Krishnan; Richard Baker; Matthew Wellberry-Smith; Brendan Clarke; Katherine Cullen; Frankie Edwards; Tracey Rees; Emma Burrows; Louise Howe; Robert Vaughan; Nicos Kessaris; Nizam Mamode; Anthony Dorling; Rob Higgins; Daniel MitchelII; Sunil Daga
1University of Warwick and UHCSV NHS Trust, Coventry, UK, United Kingdom; 2Viapath, London, United Kingdom; 3NHSBT Birmingham, United Kingdom; 4University of Wales, Cardiff, United Kingdom; 5Leeds Teaching Hospital NHS Trust, Leeds, United Kingdom; 6UHCSV NHS Trust, Coventry, United Kingdom; 7Welsh Transplantation and Immunogenetics Laboratory, Cardiff, United Kingdom; 8Guys and St Thomas NHS Foundation Trust, United Kingdom; 9University of Warwick, United Kingdom; 10St James’S University Hospital, Leeds, United Kingdom
18.01  **OS369**  IMPACT OF THE BASELINE ANTI-A/B ANTIBODY TITER IN ABO-INCOMPATIBLE LIVING KIDNEY TRANSPLANTATION
Yong Hun Sin¹; Yong-Jin Kim²; Dongyeol Lee³; Joon Seok Oh⁴; Jin Ho Lee⁵; Seong Min Kim⁶; Joong Kyung Kim⁷
¹Bong Seng Hospital, Republic of Korea; ²kyungpook University College of Medicine, Daegu, Republic of Korea

18.08  **OS370**  ASSOCIATION OF REPEATED HLA MISMATCHES WITH GRAFT SURVIVAL IN KIDNEY TRANSPLANTATION: DATA FROM THE DUTCH TRANSPLANT REGISTRY
Joost Van Der Heijden¹; Tiny Hoekstra¹; Claudia Ranzijn¹; Cynthia Konijn¹; Junior Lardy¹; Frans Van Ittersum¹; Azam Nurmohamed¹
¹VU Medical Center, Amsterdam, The Netherlands; ²Sanquin Diagnostic Services, department of Immunogenetics, Amsterdam, The Netherlands; ³Dutch Transplant Foundation, The Netherlands

18.15  **OS371**  PRETRANSPLANT EXPRESSION OF CD45RC ON BLOOD T CELLS TO PREDICT ACUTE ALLOGRAFT REJECTION AND CANCER IN KIDNEY TRANSPLANTATION: A LONG-TERM ANALYSIS
Jean-François Augusto¹; Anne-Sophie Garnier¹; Agnès Duveau¹; Anne Croué¹; Abdelhadi Saoudi¹; Jean-François Subra¹; Johnny Sayegh¹
¹Nephrology-Dialysis-Transplantation Department, Angers University Hospital, Angers, France; ²Histopathology Department, Angers University Hospital, Angers, France, France; ³Toulouse University, Physiopathology Center of Toulouse Purpan, Toulouse, France, France

18.22  **OS372**  PREDICTIVE VALUE OF PRE-TRANSPLANT CROSS-MATCH TECHNIQUES ON LIVING DONOR KIDNEY TRANSPLANT OUTCOMES
Maria Meneghini¹; Edoardo Melilli¹; Ignacio Revuelta⁴; Raja Rajalingam⁵; Elizabet Rigol⁶; Sindhu Chandran¹; Fritz Diekmann²; Flavio Vincenti³; Josep Maria Cruzado¹; Jaume Martorell⁴; Oriol Bestard¹
¹Hospital Universitari de Bellvitge, IDIBELL, Spain; ²Kidney Transplant Unit, Clinic University Hospital, Barcelona, Spain; ³Kidney Transplant Unit, UCSF Medical centre, San Francisco, United States; ⁴Immunology Department, Clinic University Hospital, Barcelona, Spain

17.05 – 18.35  **OS40**  Ethical, legal and psychological challenges in transplantation
Chair(s): Willem Weimar, Rotterdam, The Netherlands; Fabienne Dobbels, Leuven, Belgium

17.05  **OS373**  RECORD-BREAKING TRENDS IN DECEASED ORGAN DONATION AND TRANSPLANTATION IN THE UK
Rachel Johnson; John Forsythe
NHS Blood and Transplant, United Kingdom

17.12  **OS374**  SELF-SUFFICIENCY ON ORGAN DONATION AND TRANSPLANTATION
Marti Manyalich; Melania Istrate; Gloria Páez; Chloé Ballesté-Delpierre; Estephan Arredondo; Maria Paula Gómez
Universitat de Barcelona / DTI Foundation, Spain

17.19  **OS375**  FAMILY OVERRULE OF REFUSAL TO DONATE: ETHICAL ANALYSIS BY THE ELPAT WORKING GROUP ON DECEASED DONATION
David Shaw¹; PENNEY LEWIS²; Denise Georgieva³; TINEKE WIND³; Bernadette Haase³; Nichon Jansen³; Undine Samuel³; Dale Gardiner³; Rutger Ploeg³
¹Institute of Biomedical Ethics University of Basel, United Kingdom; ²Dickson Poon School of Law, King’s College London, United Kingdom; ³Dutch Transplant Foundation, The Netherlands; ⁴Department of Surgery, Maastricht University Medical Centre, Maastricht., The Netherlands; ⁵Dutch Transplant Foundation, Leiden, The Netherlands; ⁶Eurotransplant, The Netherlands; ⁷Nottingham University Hospitals, United Kingdom; ⁸University of Oxford, United Kingdom
17.26 **OS376**

CONSCIENTIOUS OBJECTION TO ORGAN DONATION: ANALYSIS BY THE ELPAT WORKING GROUP ON DECEASED DONATION

David Shaw1; Dale Gardner2; Tineke Wind3; Nichon Jansen4; Bernadette Haase5; Denie Georgieva6; Rutger Ploeg7; Penney LEWIS8; Undine Samuel9

1Institute of Biomedical Ethics University of Basel, United Kingdom; 2Nottingham University Hospitals, United Kingdom; 3Department of Surgery, Maastricht University Medical Center, The Netherlands; 4Dutch Transplant Foundation, The Netherlands; 5University of Oxford, United Kingdom; 6Dickson Poon School of Law, King’s College London, United Kingdom; 7Eurotransplant, The Netherlands

17.33 **OS377**

DIVERSITY IN DIAGNOSING BRAIN DEATH IN CHILDREN ACROSS EUROPE

Annika Petry; Klaus Michael Luecking; Marcus Krueger

University Hospital Freiburg, Germany

17.40 **OS378**

THE PERSPECTIVES OF YOUNG ADULTS ON THE PSYCHOSOCIAL IMPACT OF RENAL FAILURE: A THEMATIC SYNTHESIS OF QUALITATIVE STUDIES

Pippa Bailey1; Alexander Hamilton1; Rhian Clissold2; Carol Inward3; Fergus Caskey4; Yoav Ben-Shlomo5; Amanda Owen-Smith6

1University of Bristol, United Kingdom; 2University of Exeter, United Kingdom; 3University Hospitals Bristol NHS Foundation Trust, United Kingdom

17.47 **OS379**

TRANSPLANT PREGNANCY REGISTRY INTERNATIONAL: EXPANDING COLLABORATION WORLDWIDE TO BENEFIT RECIPIENTS CONSIDERING PARENTHOOD

Lisa Coscia; Dawn Armenti; Serban Constantinescu; Michael Moritz

Gift of Life Institute, Transplant Pregnancy Registry International, United States

17.54 **OS380**

EXPLORING ATTITUDES AND FACTORS INFLUENCING REPRODUCTIVE CHOICES IN RENAL TRANSPLANT PATIENTS (EXPECT-STUDY)

Marleen van Buren; Denise Beck; Patricia de Haan; Jacqueline van de Wetering; Emma Massey

Erasmus Medical Center, The Netherlands

18.01 **OS381**

HOW POTENTIAL LIVING KIDNEY DONORS (LKDS) VIEW ESRD RISK: A MULTI-CENTER STUDY

Carrie Thiessen1; Jacqueline Gannon2; Daniel Gray3; Kristie Kennedy4; Danielle Dobosz5; Sienna LP6; Kathleen Yu4; Adam Mussell5; Peter Reese5; Elisa Gordon4; Sanjay Kulkarni3

1Yale University School of Medicine, United States; 2Yale University School of Public Health, United States; 3University of Pennsylvania, United States; 4Northwestern University, United States; 5Yale University, United States; 6University of Pennsylvania, United States

18.08 **OS383**

ETHICAL CONSIDERATIONS IN FACE TRANSPLANTATION

Elisa Moreno

UCLA Medical Center, United States

18.15 **OS384**

RISK FACTORS AND IMPACT ON OUTCOMES OF TRAJECTORIES OF ANXIETY AND DEPRESSION AFTER LIVER TRANSPLANTATION: A PROSPECTIVE COHORT STUDY

Coby Annema1; Gerda Drent1; Petrie F. Roodbol2; Roy E. Stewart1; Herold J. Metselaar2; Bart van Hoek3; Robert J. Porte4; Adelita V. Ranchor4

1University Medical Center Groningen, The Netherlands; 2Erasmus Medical Center Rotterdam, The Netherlands; 3Leiden University Medical Center, The Netherlands
17.05 – 18.35 **OS41 Pancreas/islets. From pancreas procurement to transplantation – challenges and solutions**  
Chair(s): Lionel Badet, Lyon, France; Johann Pratschke, Berlin, Germany

17.05 **OS385**  
A 10-YEAR NATIONAL ANALYSIS OF PANCREAS DECLINE RATES IN THE UK  
Sorina M Cornateanu; Claire J Counter; Stephen O’Neill; John J Casey; Peter Friend; Gabriel C Oniscu  
¹Transplant Unit Royal Infirmary of Edinburgh, United Kingdom; ²NHS Blood and Transplant, Bristol, United Kingdom; ³Oxford Transplant Centre, Bristol, United Kingdom

17.12 **OS386**  
PROSPECTIVE NATIONAL STUDY OF DISCARDED PANCREASES IN THE UK  
Sorina M Cornateanu; Sham Dholakia; Christine Jansen; Claire J Counter; Andrew Sutherland; Sanjay Sinha; Rutger Ploeg; Peter Friend; John J Casey; Gabriel C Oniscu  
¹Transplant Unit Royal Infirmary of Edinburgh, United Kingdom; ²Oxford Transplant Centre, United Kingdom; ³NHS Blood and Transplant, Bristol, United Kingdom

17.19 **OS387**  
PANCREATIC ALLOGRAFT THROMBOSIS: SUGGESTION FOR A CT GRADING SYSTEM AND MANAGEMENT ALGORITHM  
Abdul Hakeem; John Chen; Satheesh Iype; Menna Clatworthy; Christopher Watson; Edmund Godfrey; Sara Upponi; Kourosh Saeb-Parsy  
¹Addenbrookes Hospital- Transplant Surgery, United Kingdom; ²Addenbrookes Hospital- Department of Medicine, United Kingdom; ³Addenbrookes Hospital- Department of Radiology, United Kingdom

17.26 **OS388**  
TYPE 1 DIABETIC PATIENTS HAVE BETTER ENDOTHELIAL FUNCTION AFTER SIMULTANEOUS PANCREAS-KIDNEY TRANSPLANTATION THAN AFTER KIDNEY TRANSPLANTATION WITH CONTINUED INSULIN THERAPY  
Jacek Ziaja; Adrian Kowalik; Aureliusz Kolonko; Dorota Kamińska; Aleksander Owczarek; Agata Kujawa-Szewieczek; Mariusz Kusztal; Joanna Badura; Dominika Bożek-Pająk; Piotr Choręza; Agnieszka Zakrzewska; Robert Król; Stefan Chłopicki; Marian Klinger; Andrzej Więcek; Jerzy Chudek  
¹Department of General, Vascular and Transplant Surgery, Medical University of Silesia, Katowice, Poland; ²Department of Nephrology, Transpl. and Internal Medicine, Medical University of Silesia, Katowice, Poland; ³Department of Nephrology and Transplantation Medicine, Wroclaw Medical University, Wroclaw, Poland; ⁴Department of Statistics, Sosnowiec, Medical University of Silesia, Katowice, Poland; ⁵Jagiellonian Centre for Experimental Therapeutics, Jagiellonian University, Krakow, Poland; ⁶Department of Pathophysiology, Medical University of Silesia, Katowice, Poland

17.33 **OS389**  
IS IPSILATERAL GRAFT PLACEMENT FOR SIMULTANEOUS PANCREAS AND KIDNEY TRANSPLANTATION A JUSTIFIED OPTION? A COMPARATIVE STUDY WITH 5 YEAR OUTCOMES  
Stavros Papachristos; Afshin Tavakoli; Tunde Campbell; Raman Dhanda; Ravi Pararajasingam; Bence Forgacs  
Manchester Royal Infirmary, United Kingdom

17.40 **OS390**  
THE ESTABLISHMENT OF EFFECTIVE DIFFERENTIATION PROTOCOLS FOR INSULIN-PRODUCING CELLS USING 3D CULTURE SYSTEM FROM RAT ADIPOSE-TISSUE DERIVED MESENCHYMAL STEM CELL  
Tetsuya Ikemoto; Mitsuo Shimada; Shu-ichi Iwahashi; Feng Rui; Yu Saito; Satoru Imura; Yuji Morine  
Tokushima University, Japan
17.47  
**OS391**  
**113 CONCURRENT BIOPSIES IN PANCREAS GRAFT RECIPIENTS: DISCORDANT FINDINGS BETWEEN DONOR DUODENUM AND PANCREAS GRAFTS**  
Espen Nordheim1; Rune Horneland1; Einar Martin Aandahl1; Håkon Haugaa2; Vemund Paulsen3; Krzysztof Grzyb2; Trond Geir Jenssen1; Anders Hartmann1  
1Oslo University Hospital Rikshospitalet Department of Transplantation Medicine, Norway; 2Oslo University Hospital Rikshospitalet, Norway

17.54  
**OS392**  
**OUTCOMES OF PANCREAS TRANSPLANTATION WITH SINGLE FUNCTIONAL ARTERY**  
Ibrahim Ibrahim1; Emily Thompson1; Avinash Sewpaul1; Rodrigo Figueiredo4; Christopher Ogbuagu1; Jeremy J French1; Gourab Sen1; David Talbot1; Steve White1; Derek Manas1; Colin Wilson1  
1Freeman Hospital, United Kingdom; 2NIHR Blood Transplant Research Unit (Newcastle/Cambridge), United Kingdom

18.01  
**OS393**  
**ULTRASOUND-GUIDED ALLOGRAFT PANCREAS BIOPSY: SAFETY AND DIAGNOSTIC USE**  
Samuel Turner1; Kai Tai Yeung2; Steven Moser3; Terry Cook4; Candice Roufosse1; Rawya Charif1; Adam McLean1; David Taube1; Paul Tait1; Anand Muthusamy1  
1Imperial College NHS/Hammersmith Hospital/Renal Transplant, United Kingdom; 2Imperial College Healthcare NHS Trust, London, United Kingdom

18.08  
**OS394**  
**PANCREAS AFTER LIVING DONOR KIDNEY TRANSPLANTATION PRESENTS WORSE GRAFT OUTCOMES: TIME TO RETHINK THIS ALTERNATIVE STRATEGY?**  
Pedro Ventura-Aguiar1; Joana Ferrer2; Ignacio Revuelta2; De Sousa-Amorim Enka2; Enric Esmatjes3; Josep M Campistol1; Federico Oppenheimer1; Fritz Diekmann1; Maria José Ricart1  
1Department of Nephrology and Kidney Transplant, Hospital Clinic Barcelona, Spain; 2Department of Surgery, Hospital Clinic Barcelona, Spain; 3Department Endocrinology, Hospital Clinic Barcelona, Spain

18.15  
**OS395**  
**WHOLE ORGAN PANCREAS TRANSPLANTATION IS SAFE IN OLDER RECIPIENTS**  
Shruti Mittal1; Rumi Smilevska2; Simon Knight2; Isabel Quiroga2; Srikanth Reddy2; Georgios Vrakas2; Rutger Ploeg2; Peter Friend3; Sanjay Sinha2  
1Oxford Transplant Centre, Nuffield Department of Surgical Sciences, University of Oxford, United Kingdom; 2Oxford Transplant Centre, United Kingdom

18.22  
**OS396**  
**CAN A VIDEO ASSESSMENT OF THE PANCREAS GRAFTS AT THE TIME OF ORGAN PROCUREMENT INCREASE UTILISATION?**  
Sorina Cornateanu1; Sham Dholakia2; Peter Friend3; Rutger Ploeg2; John Casey1; Gabriel Oniscu1  
1Transplant Unit, Royal Infirmary of Edinburgh, United Kingdom; 2Oxford Transplant Centre, United Kingdom

17.05 – 18.35  
**OS42  Challenges in heart transplantation**  
Chair(s): Luciano Potena, Bologna, Italy

17.05  
**OS397**  
**GENE EXPRESSION PROFILING FOR THE IDENTIFICATION AND CLASSIFICATION OF ANTIBODY-MEDIATED HEART REJECTION**  
Alexandre Loupy1; Jean-Paul Duong Van Huyen1; Luis Hidalgo2; Jeff Reeve2; Maud Racapé2; Olivier Aubert1; Denis Viglietti1; Patrick Bruneval1; Carmen Lefaucheur1; Philip Halloran2  
1Paris Translational Research Center for Organ Transplantation, France; 2Alberta Transplant Applied Genomics Center, Canada
17.12 **OS398**
A NEW DIAGNOSTIC SCORE OF INTRAVASCULAR ACTIVATED MONONUCLEAR CELLS IN ANTIBODY-MEDIATED REJECTION IN HEART TRANSPLANTATION
Maud Racapé; Jean-Paul Duong Van Huyen; Patrick Bruneval; Ilyass Zouhry; Philip Halloran; Alexandre Loupy
1Paris Translational Research Center for Organ Transplantation, France; 2Hôpital Necker, France; 3Hôpital Européen Georges Pompidou, France; 4Department of Medicine, Division of Nephrology and Transplant Immunology, University of Alberta, Canada

17.19 **OS399**
HEART TRANSPLANTATION WITH PREFORMED DONOR SPECIFIC ANTIBODIES: ANTIBODY-MEDIATED REJECTIONS ARE FREQUENT AND EARLY BUT DO NOT IMPACT MID-TERM PROGNOSIS
Guillaume Coutance; Lucas Van Aelst; Salima Ouldamar; Nicolas Bréchet; Philippe Rouvier; Samir Saheb; Chantal Gautreau; Guillaume Lebretton; Norah Ait Hamou; Melanie Houot; Alain Combes; Julien Amour; Pascal Leprince; Shaida Varnous
1Department of Cardiac and Thoracic Surgery, Cardiology Institute, Pitie-Salpetriere, France; 2(1) Department of Cardiac and Thoracic Surgery, Cardiology Institute, Pitie-Salpetriere, France; 3(3) Department of Medical Reanimation, Cardiology Institute, Pitie-Salpetriere Hosp, France; 4(4) Department of Pathology, Pitie-Salpetriere Hospital, France; 5(5) Department of Hemiotherapies, Pitie-Salpetriere Hospital, France; 6(6) Laboratory of Immunology and Histocompatibility - CIB-HOG, Saint Louis Hospital, France; 7(7) Department of Cardiac Anesthesia and Reanimation, Cardiology Institute, Pitie-Salpetriere, France; 8(8) Department of Pharmacy, Pitie-Salpetriere Hospital, France

17.26 **OS400**
IDENTIFICATION OF THE TOLERANCE INDUCTION PROFILE FOLLOWING HEART TRANSPLANTATION
Kristin Klaeske; Maja-Theresa Dieterlen; Robert Palitzsch; Julia Fischer; Jochen Hahn; Khalil Jawad; Jens Garbade; Friedrich W. Mohr; Sven Lehmann
Herzzentrum Leipzig, Germany

17.33 **OS401**
EXTRACORPOREAL MEMBRANE OXYGENATION OUTCOMES IN EARLY GRAFT DYSFUNCTION
Daniel Absi; Paola Morejon; Margarita Peradejordi; Florencia Renedo; Liliana Favaloro; Roberto Favaloro; Alejandro Bertolotti
Hospital Universitario Fundación Favaloro, Argentina

17.40 **OS402**
ROLE OF PROINFLAMMATORY CYTOKINES AS PREDICTIVE BIOMARKERS FOR PRIMARY GRAFT DYSFUNCTION AFTER HEART TRANSPLANTATION
Emil Holmström; Raimo Tuuminen; Rainer Krebs; Simo Syrjälä; Antti Nykänen; Karl Lemström
1Transplantation Laboratory, University of Helsinki, Finland; 2Transplantation Laboratory, University of Helsinki / Cardiac surgery, Helsinki University Hospital, Finland

17.47 **OS403**
DETERMINANTS AND OUTCOMES OF CARDIAC ALLOGRAFT VASCULOPATHY: MAJOR ROLE OF DONOR-SPECIFIC ANTIBODY
Maud Racapé; Marie-Cécile Bories; Shaida Varnous; Philippe Rouvier; Romain Guillemin; Patrick Bruneval; Jean-Luc Taupin; Carmen Lefaucheur; Alexandre Loupy
Paris Translational Research Center for Organ Transplantation, France

17.54 **OS404**
MELD-XI SCORE PREDICTS EARLY AND LONG-TERM PROGNOSIS AFTER HEART TRANSPLANTATION
Marco Masetti; Matteo Bellettini; Mario Sabatino; Laura Borgese; Antonio Loforte; Giuseppe Marinelli; Antonio Russo; Francesco Grigioni; Luciano Potena
Bologna University Hospital, Italy
18.01  **OS405**

**TO ACCEPT OR NOT ACCEPT, THAT IS THE QUESTION: DONOR HEART SELECTION PROCESS AND OUTCOME OF DISCARDED ORGANS TRANSPLANTED IN ANOTHER CENTER**

Arezu Aliabadi-Zuckermann\(^1\); Johannes Gökler\(^1\); Alexandra Kaider\(^1\); Julia Riebandt\(^1\); Roxy Moayedifar\(^1\); Emilio Osorio\(^1\); Thomas Haberl\(^1\); Guenther Laufer\(^1\); Jacqueline Smits\(^2\); Andreas Zuckermann\(^1\)

\(^1\)Medical University of Vienna, Austria; \(^2\)Eurotransplant Foundation, The Netherlands

18.08  **OS406**

**THE PREVALENCE AND VARIABILITY OF NON-ADHERENCE TO THE NON-PHARMACOLOGICAL TREATMENT REGIMEN AFTER HEART TRANSPLANTATION INTERNATIONALLY: FINDINGS FROM THE BRIGHT STUDY**

Remon Helmy\(^1\); Nathalie Duerinck\(^2\); Lut Berben\(^1\); Fabienne Dobbels\(^2\); Cynthia L. Russell\(^2\); Johan Van Cleemput\(^3\); Maria G. Crespo-Leiro\(^4\); Sabina De Geest\(^5\); BRIGHT study team on behalf of\(^6\); Kris Denhaerynck\(^1\)

\(^1\)Institute of Nursing Science, University of Basel, Switzerland; \(^2\)Academic Centre for Nursing and Midwifery, KU Leuven, Belgium; \(^3\)School of Nursing and Health Studies, University of Missouri-Kansas City, United States; \(^4\)University Hospitals Leuven, Belgium; \(^5\)University Hospital A Coruña, Spain; \(^6\)Basel/Leuven, Switzerland

18.22  **OS408**

**TRANSPLANT PREGNANCY REGISTRY INTERNATIONAL: PREGNANCY OUTCOMES IN THORACIC TRANSPLANT RECIPIENTS**

Lisa Coscia; Dawn Armenti; Serban Constantinescu; Michael Moritz

Gift of Life Institute, Transplant Pregnancy Registry International, United States

17.05 – 18.35  **ESOT General Assembly**

Room 113

18.40 – 19.35  **Elevator Pitch session 5**

18.40 – 19.35  **EPS05**  **Donation, allocation and IRI**

**Room 111 + 112**

Chair(s): Oriol Bestard, Barcelona, Spain; Peter Friend, Oxford, United Kingdom

18.40  **EP049**

**THE DEVELOPMENT OF A PREDICTIVE MODEL OF GRAFT FUNCTION IN OLDER UNCONTROLLED DONORS AFTER CIRCULATORY DEATH**

Rosana Gelpi\(^1\); Camino Rodriguez-Villar\(^2\); David Paredes\(^2\); Rebeca Roque\(^2\); Angel Ruiz\(^2\); Fritz Diekmann\(^2\)

\(^1\)Hospital Clinic De Barcelona, Spain; \(^2\)Hospital Clinic De Barcelona, Spain; \(^3\)Hospital Clinic Barcelona, Spain

18.41  **EP050**

**1998-2012 POLISH RESULTS OF KIDNEY TRANSPLANTATION FROM ANTI-HCV POSITIVE DONORS**

Jacek Płiszczynski\(^1\); Ksenia Jaszta\(^2\); Agnieszka Jóźwik\(^3\); Maciej Kosieradzki\(^3\); Jarostaw Czerwiński\(^4\)

\(^1\)Warsaw Medical University Infant Jesus Clinical Hospital, Poland; \(^2\)Warsaw Medical University, Department of Surgical and Transplant Nursing, Poland; \(^3\)Warsaw Medical University, Department of General and Transplantation Surgery, Poland; \(^4\)Polish Transplant Coordinating Center “Poltransplant”, Poland

18.42  **EP051**

**FAMILY ATTITUDES, ACTIONS, DECISIONS AND EXPERIENCES FOLLOWING IMPLEMENTATION OF DEEMED CONSENT AND THE HUMAN TRANSPLANTATION ACT (WALES)**

Jane Noyes; Leah Mc Laughlin

Bangor University, United Kingdom
18.43  **EP052**
**HOW KIDNEY DONATION SAVES... DONOR’S LIFE**
Gabriele Guglielmetti; Marco Quaglia; Angelo Nappo; Andrea Airoldi; Vincenzo Cantaluppi
Nephrology And Kidney Transplantation Unit, Department Of Translational Medicine, University of East, Italy

18.44  **EP053**
**SPECIFIED MEDIA DONORS; A POTENTIAL LIVING DONOR POOL?**
Judith Kal-Van Gestel; Willij Zuidema; Emma Massey; Sohal Ismail; Marcia Kho; Joke Roodnat; Jacqueline Van De Wetering
Erasmus Medical Center, The Netherlands

18.45  **EP054**
**POST-REPERFUSION COAGULOPATHY AFTER LIVER TRANSPLANTATION: DBD VS. DCD**
Francesca Marcon1; Ilaria Umbro1; Peter Nightingale2; Keith Roberts1; Thamara Perera1; Hynek Mergental1; Darius Mirza2; John Isaac1; Hentie Cilliers1; Paolo Muiesan1
1University Hospitals of Birmingham NHS Trust, United Kingdom; 2Institute of Translational Medicine, University Hospital Birmingham NHS Foundation Trust, Queen Eliz, United Kingdom

18.46  **EP055**
**THE AGONAL PHASE OF DCD DONORS: PARAMETERS OF SUCCESS?**
Hessel Peters-Sengers1; Robert W. Klaasen2; Hanneke A.M. Hagenaars3; Sterre Joor4; Jaap J. Homan Van Der Heide1; Joke I. Roodnat5; Frederike J. Bemelman1
1Academic Medical Centre, Amsterdam, The Netherlands; 2Erasmus MC, Rotterdam, The Netherlands

18.47  **EP056**
**AN EXPLORATORY STUDY OF THE BELIEFS AND ATTITUDES TO THE 'OPT OUT' SYSTEM IN THE SIKH COMMUNITY IN UK**
Hari Bains6; Jaspreet Johal6; Darren Churchward6; Sarah Brand6; Shafi Malik7
6University of Leicester, United Kingdom; 7University Hospitals of Leicester, United Kingdom

18.48  **EP057**
**COMMERCIAL KIDNEY TRANSPLANTATION: ATTITUDE, KNOWLEDGE, PERCEPTION AND EXPERIENCE OF RECIPIENTS**
Isa Salmi; Fatma Al Rahbi
1Renal Medicine Department Royal Hospital, Oman; 2the Royal Hospital, Oman

18.49  **EP058**
**TRACKING MESENCHYMAL STROMAL CELL AFTER DIRECT ADMINISTRATION TO THE INJURED KIDNEY**
J.M. Sierra-Parraga1; M. Eijken2; C. Andersen3; C. Moers4; R. Ploeg5; B. Moller6; C.C. Baan1; M.J. Hoogduijn1; B. Jespersen1
1Erasmus MC, University Medical Center Rotterdam, The Netherlands; 2Institute of Clinical Medicine, Aarhus University, Denmark; 3Institute of Clinical Medicine, Aarhus University, Denmark; 4Organ Donation and Transplantation, University Medical Center Groningen, Groningen, the Netherlands, The Netherlands; 5Nuffield Department of Surgical Sciences and Oxford Biomedical Research Centre, University of Oxford, United Kingdom; 6Department of Clinical Immunology, Aarhus University Hospital, Denmark; 7Department of Renal Medicine, Aarhus University Hospital, Denmark

18.50  **EP059**
**LABEL-FREE PROTEOMICS IDENTIFIES PROTEINS DETERMINING VIABILITY OF DISCARDED HUMAN LIVERS RESUSCITATED BY NORMOTHERMIC MACHINE PERFUSION**
Barney Stephenson1; Lorraine Wallace1; Richard Laing1; Amanda Smith1; Ricky Bhogal1; Darius Mirza2; Hynek Mergental2; Simon Afford3
1NIHR Birmingham Liver BRU and Centre for Liver Research, University of Birmingham, Edgbaston, Birmin, United Kingdom; 2The Liver Unit, Queen Elizabeth Hospital, Edgbaston, Birmingham, B15 2WB, United Kingdom
18.51 EP060 CYTOTOPIC THROMBIN-INHIBITION ABROGATES REPERFUSION INJURY IN HUMAN ISLETS
Bynvant Sandhu1; Guy Rutter2; Maria Prendecki2; Neil Galloway-Phillips3; Tony Dorling3; Richard Smith4; Charles Pusey2; Vassilios Papalois2
1Imperial College - Hammersmith hospital, United Kingdom; 2Imperial College London, United Kingdom; 3King's College London, United Kingdom

18.40 – 19.35 Brief oral sessions

18.35 – 19.35 BOS35 Basic and translational immunology
CHAIR(S): Sebastiaan Heidt, Leiden, The Netherlands

18.39 BOS474 PERK-DEPENDENT DEFECTIVE TCR-MEDIATED ACTIVATION OF CD4+ T CELLS IN END-STAGE RENAL DISEASE PATIENTS
Ling Huang; Nicolle Litjens; Nynke Kannegieter; Mariska Klepper; Carla Baan; Michiel Betjes
Erasmus MC, The Netherlands

18.43 BOS475 REJECTION OF HUMAN KIDNEY ALLOGRAFTS ACCORDING TO BANFF CLASSIFICATION IS ASSOCIATED WITH A CHEMOKINE-ENRICHED PROTEIN MICROENVIRONMENT IN BIOPSY TISSUE
Christine Neudörfl1; Frank Lehner2; Hermann Haller3; Jessica Schmitz4; Jan-Hinrich Bräsen4; Cornelia Blume5; Christine S. Falk6
1Institute of Transplant Immunology MHH, Germany; 2Dept. of Visceral, Transplant and Vascular Surgery MHH, Germany; 3Dept. of Nephrology and Hypertension MHH, Germany; 4Institute of Pathology MHH, Germany; 5Institute for Technical Chemistry, Leibniz University Hannover, Germany

18.47 BOS476 CHARACTERIZATION OF HUMAN MULTI-CHIMERIC CELLS A NEW TOLERANCE INDUCING CELLULAR THERAPY IN TRANSPLANTATION: A PRELIMINARY STUDY
Joanna Cwykiel; George Rafidi; Maria Siemionow
University of Illinois at Chicago, United States

18.51 BOS477 THE SIGNIFICANCE OF URINARY MARKERS IN THE EVALUATION OF GRAFT INJURY IN RENAL TRANSPLANT PATIENTS
Tatjana Cvetkovic1; Nikola Stefanovic2; Goran Paunovic3; Dusica Pavlovic3; Tatjana Jevtovic Stojanov1; Radmila Veličkovic-Radovanović5
1Clinic of Nephrology, Clinical centre Nis, Serbia; 2department of Farmacy, Medical Faculty, Serbia; 3Clinic of Nephrology, cClinical Centre Nis, Serbia; 4Institute of Biochemistry, Medical Faculty, Nis, Serbia; 5Institute of Biochemistry, Medical Faculty, Nis, Serbia; 6Clinic of Nephrology, Clinical Centre, Nis, Serbia

18.55 BOS478 EPITOPE BASED HLA MATCHING BY USING ANTIBODY REACTIVITY WITH HIGH RESOLUTION ALLELE TYPING AND HLAMATCHMAKER ALGORITHM BASED SOFTWARE
Sedat Tanju Karadeniz1; Sabahet Akgül2; Hayriye Senturk Ciftci2; Yeliz Ogret3; Fatma Oguz3; Kemal Yelekci4; Filiz Aydin2
1ISTANBUL BILIM UNIVERSITY FLORENCE NIGHTINGALE HOSPITAL, Turkey; 2Istanbul University, Istanbul Medical Faculty, Turkey; 3Kadir Has University, Turkey

18.59 BOS479 THE ROLE OF SOLUBLE CTLA-4 AS A NON-INVASIVE BIOMARKER FOR DIAGNOSIS OF KIDNEY ALLOGRAFT REJECTION: A PRELIMINARY STUDY
Çağlar Borçak Ruhi1; Pınar Ata2; İzzet Mesut Titiz3
1Haydarpaşa Numune Research and Training Hospital, Transplantation Center, Turkey; 2Marmara University Faculty of Medicine, Department of Medical Genetics, Turkey; 3Namik Kemal University Faculty of Medicine, Department of General Surgery, Turkey
19.03  **BOS480** WHICH TR1 IS BETTER FOR TRANSPLANT TOLERANCE INDUCTION: COMPARING THE TR1 GENERATED BY IL-27 OR TGF-BPLUS IL-27
Guangxiang Gu; Qiang Xia
Shanghai Jiaotong University, China

19.07  **BOS481** GMSCS PROTECT ACUTE-GVHD BY SUPPRESSING EXPANSION AND KILLING OF EFFECTOR CD8+ CELLS THROUGH CD39/ADENOSINE A1R AND A2BR PATHWAYS
Ling Lu1; Jian Gu1; Kunpeng Wang2; Yunjie Lu2; Haoming Zhou2; Hao Lu2
1The First Affiliated Hospital of Nanjing Medical University, China; 2Nanjing Medical University, China

19.11  **BOS482** IDENTIFICATION OF A STABLE GENE SIGNATURE OF TRANSPLANT TOLERANCE TO LIVER ALLOGRAFT BY META-ANALYSIS
Guangxiang Gu; Qiang Xia
Shanghai Jiaotong University, China

19.15  **BOS483** EFFECT OF PRO-SENESCENT ENDOTHELIAL MICROPARTICLES ON RAT PANCREATIC ISLETS: IMPACT FOR TRANSPLANTATION
Mohamad Kassem1; Guillaume Kreutter2; Ali El Habhab1; Philippe Baltzinger1; Lamia Amoura3; Malak Abbas1; Blandine Yver1; Valérie Schini-Kerth3; Florence Toti4; Laurence Kessler4
1EA7293, Fédération de Médecine Translationnelle, University of Strasbourg, France; 2UMR7213, CNRS, Faculty of pharmacy, University of Strasbourg, France

19.19  **BOS484** AUTOLOGOUS HEMATOPOIETIC STEM CELL TRANSPLANTATION INDUCES TOLERANCE OF FULLY MISMATCHED MURINE HEART ALLOGRAFTS
Andrzej Chruscinski1; Hassan Sadozai2; Vanessa Rojas-Luengas3; Kaveh Farrokhfi3; Wei He4; Jianhua Zhang1; Dario Ferri1; Oyedele Adeyi1; Reginald Gorczynski1; Nazia Selzner5; Handy Yowanto2; Jane Luo2; Jeff Chapman5; David Grant5; Harold Atkins6; Gary Levy7
1University Health Network, Canada; 2Sciex, United States; 3Ottawa Hospital Research Institute, Canada

19.23  **BOS485** LOW-DOSE TACROLIMUS SUPPORTS T CELL REGULATION IN A MOUSE SKIN TRANSPLANT MODEL
Paloma Riquelme; Anja Kammler; Hans Schlitt; Edward Geissler; James Hutchinson
University Hospital Regensburg, Germany

19.27  **BOS486** TOWARDS PERSONALISED REGENERATIVE MEDICINE: MUTATIONS IN HUMAN INDUCED PLURIPOTENT STEM CELLS
Foad Rouhani1; Serena Nik-Zainal2; Ludovic Vallier3; Kosuke Yusa3; Allan Bradley2
1Department of Surgery, University of Cambridge, Cambridge, UK, United Kingdom; 2Wellcome Trust Sanger Institute, United Kingdom; 3Department of Surgery, University of Cambridge, Cambridge, United Kingdom

18.35 –19.35  **BOS36** Kidney donation and allocation
CHAIR(S): Ina Jochmans, Leuven, Belgium; John Terrace, Edinburgh, United Kingdom

18.35  **BOS487** OUTCOME OF PATIENTS AFTER KIDNEY TRANSPLANTATION (KTX) WITH DCD-GRAFTS (DONATION AFTER CARDIAC DEATH) IN GRAZ
Silvia Schaffellner1; Sabine Zitta2; Estrella Jakoby2; Astrid Mauric2; Katharina Artinger2; Michael Sereinig2; Alexander Kirsch2; Philipp Steigler2; Helmut Mueller2; Daniela Kniepeiss1; Peter Schemmer1; Alexander Rosenkranz2
1Med. Uni Graz Clinical Dep. of Transplantation Surgery, Austria; 2Medical University of Graz, Department of Internal Medicine, Division of Nephrology, Austria
18.39 **BOS488**

**IMPACT OF COMORBIDITY ON OUTCOMES IN OLDER PATIENTS UNDERGOING KIDNEY TRANSPLANTATION**

Ummul Contractor; Usman Khalid; Paola Donato; Tarique Sabah; Laszlo Szabo; Mohamed Ilham; Argiris Asderakis

Cardiff Transplant Unit, University Hospital of Wales, United Kingdom

18.43 **BOS489**

**REMOTE ISCHEMIC PRECONDITIONING IN NEUROLOGICAL DEATH ORGAN DONORS: THE RIPNOD PROSPECTIVE RANDOMIZED CLINICAL TRIAL**

Advaith Bongu; William Washburn; Joseph Oliver; Amy Davidov; Joseph Nespral; Sri Ram Pentakota; George Dikdan; Abdel-Kareem Beidas; Urvashi Pandit; Janet Lewish; Jacob Schwartzman; Carie Kadric; Baburao Koneru

1Rutgers University - New Jersey Medical School, United States; 2Ohio State University Health Sciences Center, United States; 3Rutgers University - School of Public Health, United States; 4Texas Organ Sharing Alliance, United States; 5University of Texas Health Science Center, United States

18.47 **BOS490**

**INCREASING ACCESS TO KIDNEY TRANSPLANTATION OF HIGHLY SENSITIZED PATIENTS BY AN ORGAN EXCHANGE PROGRAMME BASED ON VIRTUAL CROSSMATCH IN ANDALUSIA. ANDALUSIAN WORK GROUP FOR HIGHLY-SENSITIZED PATIENTS**

Antonia Alvarez; Auxiliadora Mazuecos Blanca; Abelardo Caballero Gonzalez; Mercedes Cabello Diaz; Teresa Garcia Alvarez; Antonio Garrido Torres-Puchol; Miguel Angel Gentil Goyantes; Maria Francisca Gonzalez Escribano; Rafael Gonzalez Fernandez; Jesus Huet Ruiz-Matas; Antonio Nieto Díaz; Manuel Osorio Moratalla; Alberto Rodriguez Benot; Manuel Alonzo Gil

1Regional Transplant Organisation of Andalusia, Spain; 2Nephrology Department, Hospital Puerta del Mar, Cadiz, Spain; 3Immunoology Department, Hospital Regional de Malaga, Malaga, Spain; 4Nephrology Department, Hospital Puerta del Mar, Cadiz, Spain; 5Immunoology Department, Hospital Virgen de las Nieves, Granada, Spain; 6Nephrology Department, Hospital Virgen del Rocio, Seville, Spain; 7Immunoology Department, Hospital Reina Sofia, Cordoba, Spain; 8Nephrology Department, Hospital Puerta del Mar, Cadiz, Spain; 9Immunology Department, Hospital Puerta del Mar, Cadiz, Spain; 10Nephrology Department, Hospital Virgen de las Nieves, Granada, Spain; 11Immunology Department, Hospital Reina Sofia, Cordoba, Spain; 12Nephrology Department, Hospital Reina Sofia, Cordoba, Spain

18.51 **BOS491**

**HAND ASSISTED LAPAROSCOPIC DONOR NEPHRECTOMY (HALDN): CAN WE ANTICIPATE TECHNICAL DIFFICULTY?**

Valentina Bianchi; Valentina Bianchi; Gionata Spagnoletti; Maria Paola Salerno; Franco Citterio; Jacopo Romagnoli

Catholic University of the Sacred Heart, Renal Transplant Unit, Italy

18.55 **BOS492**

**LONG TERM EVALUATION OF LIVING KIDNEY DONORS: EIGHT YEARS POST DONATION**

Moatasem Elsayed; Yasser Elhendy; Halla Allam; Ayman Maher; Aliaa Rizq; Ayman Refaie

1Urology and nephrology center mansoura university egypt, Egypt; 2Faculty of medicine, Zagazig University, Egypt; 3Urology and Nephrology Centre, Mansoura University, Egypt

18.59 **BOS493**

**CONTINUOUS INFUSION OF LOCAL ANESTHESIA AFTER HAND-ASSISTED RETROPERITONEOSCOPIC DONOR NEPHRECTOMY**

Roger Wahba; Robert Kleinert; Martin Hellmich; Nadine Heiermann; Denise Buchner; Georg Dieplinger; Hans A SchloBer; Christine Kurschat; Dirk L Stippel

1Division of Transplantation Surgery, Department of General, Visceral and Cancer Surgery, Germany; 2Division of Transplantation Surgery, Department of General, Visceral and Cancer Surgery, Transplant, Germany; 3Institute of Medical Statistics, Informatics and Epidemiology, University of Cologne, Germany; 4Department II of Internal Medicine and Center for Molecular Medicine Cologne, University of Cologne, Germany
19.03 BOS494  
**COLD ISCHAEMIA TIME (CIT) DOES NOT TELL THE WHOLE STORY: ANALYSIS AND OUTCOMES OF COMPONENTS OF CIT**  
Ismail Mohamed; Vittoria Mastantuono; Giulia Ottaviano; Rajesh Sivaprakasam; Carmelo Puliatti; Roberto Cacciola  
Royal London Hospital, United Kingdom

19.07 BOS495  
**DYNAMIC OF MEASURED GLOMERULAR FILTRATION RATE (MGFR) IN LIVING KIDNEY DONORS BEFORE AND AFTER KIDNEY DONATION**  
Katharina Artinger; Claudia Knizacek; Andrea Hess; Andreas Meinitzer; Richard Zigeuner; Helmut Müller; Astrid Mauric; Karin Filipic; Peter Schemmer; Alexander R. Rosenkranz; Sabine Zitta  
1Clinical Division of Nephrology, Medical University of Graz, Austria; 2Clinical Institute of Medical and Chemical Laboratory Diagnostics, Medical University of Graz, Austria; 3Department of Urology, Medical University of Graz, Austria; 4Division of Transplantation Surgery, Medical University of Graz, Austria

19.11 BOS496  
**MENTAL DISORDERS AMONG UNSPECIFIED LIVING KIDNEY DONORS**  
Sohal Ismail; Willij Zuidema; Jacqueline vd Wetering; Lotte Timmermans; Jan IJzermans; Emma Massey; Jan Busschbach; Willem Weimar  
Erasmus Medical Center, The Netherlands

19.15 BOS497  
**EN-BLOC KIDNEY TRANSPLANTS FROM DONORS UNDER 2 YEARS OF AGE: A SINGLE CENTRE EXPERIENCE**  
Benno Cardini; Rupert Oberhuber; Annemarie Weissenbacher; Christian Margreiter; Claudia Bösmüller; Stefan Scheid; Dietmar Ofner; Stefan Schneebberger; Manuel Maglione  
1Department of Visceral, Transplant and Thoracic Surgery /Innsbruck Medical University, Austria; 2Nuffield Department of Surgical Sciences, Oxford Transplant Centre, Churchill Hospital, Oxford University, United Kingdom

19.19 BOS498  
**LIVING DONOR KIDNEY TRANSPLANTATION IN BLACK, ASIAN AND MINORITY ETHNIC PATIENTS: A SINGLE CENTRE CROSS SECTIONAL COHORT STUDY**  
Rhana Zakri; Lisa Silas; Anita Copley; Antonia Cronin  
1Guy’s and St Thomas’ NHS Foundations Trust, United Kingdom; 2Guy’s & St Thomas’ NHS Foundation Trust, United Kingdom; 3Guy’s & St Thomas’ NHS Foundation Trust, United Kingdom

19.23 BOS499  
**‘TALK ABOUT IT’ EARLY EDUCATION OF PATIENT, FAMILY AND FRIENDS; A WAY TO PRE-EMPTIVE KIDNEY TRANSPLANTATION**  
Anthony Christiaan van Kooij; Tahnee van der Marel; Dianne G.C.A. van Dongen-Segeren; Marinus A. van den Dorpel; Daenne A.F. Scheuter-van Oers; Ellen Versluijs-Rovers  
Maasstad Ziekenhuis, The Netherlands

19.27 BOS500  
**A DISCRETE CHOICE EXPERIMENT (DCE) ON PATIENTS’ TIME AND RISK PREFERENCES IN KIDNEY TRANSPLANTATION: PATIENTS’ AGE AND WILLINGNESS TO WAIT (WTW) FOR BETTER ORGANS**  
Cristina Silvestre; Mesfin Genie; Antonio Nicolò; Giacomo Pasini; Francesco Tuci; Flavia Neri; Veronica Buizza; Lucrezia Furlan; Paolo Rigotti  
1Kidney and Pancreas Transplantation Unit - Department of Surgical, Oncological and Gastroenterologic, Italy; 2Department of Economics and Management, Venice University, Italy, Italy; 3Department of Economics and Management, Padua University, Italy and School of Social Sciences, Unive, Italy
18.35 – 19.35  **BOS37**  Sepsis and other infections  
**Chair(s):** Jordi Carratala, Barcelona, Spain

**BOS501**  
LIFELONG PROPHYLAXIS WITH TRIMETHOPRIM-SULFAMETHOXAZOLE FOR PREVENTION OF OUTBREAK OF PNEUMOCYSTIS JIROVECII PNEUMONIA IN KIDNEY TRANSPLANT RECIPIENTS

Norihiko Goto¹; Ai Takahashi-Nakazato²; Kenta Futamura¹; Manabu Okada¹; Makoto Tsujita³; Takahisa Hiramitsu¹; Shinji Narumi¹; Shinichi Oka²; Yoshihiko Watarai³

¹Nagoya Daini Red Cross Hospital Renal Center, Japan; ²AIDS Clinical Center, National Center for Global Health and Medicine, Japan

18.39  **BOS502**  
CARBAPENEM-RESISTANT KLEBSIELLA PNEUMONIAE (CR-KP) INFECTIONS IN KIDNEY TRANSPLANTATION

Giovanni Varotti¹; Alessia Terulli¹; Ferdinando Dodi²; Gregorio Santorii²; Gabriele Mariottini²; Massimo Bertocchi²; Caterina Barabani²; Pierpaolo Cupo²; Valentina Mariottini²; Iris Fontana²

¹Kidney Transplant Unit, IRCCS San Martino University Hospital, IST National Institute for Cancer Res, Italy; ²Department of Infectious Disease, IRCCS San Martino University Hospital, IST National Institute for, Italy; ³Department of Surgical Sciences and Integrated Diagnostics (DISC), University of Genoa, Genoa, Italy

18.43  **BOS503**  
USING DONORS WITH FALSE POSITIVE HIV TESTS – AN UNEXPECTED BENEFIT OF THE HOPE ACT

Christine Durand¹; Allan Massie¹; Samantha Halpern¹; Gilad Bismut¹; Brianna Doby¹; Niraj Desai¹; Andrew Cameron¹; Sander Florman²; Susan Lerner²; Shrirish Huprikar²; Jayme Locke¹; Shikha Mehta¹; Peter Stock¹; Nikole Neidlinger³; Diane Brown¹; Brandy Haydel²; Andrew Redd²; Aaron Tobian¹; Dorry Segev¹

¹Johns Hopkins University, United States; ²Mt Sinai, United States; ³UAB, United States; ⁴UCSF, United States; ⁵Donor Network West, United States

18.47  **BOS504**  
IMPACT OF URINARY TRACT INFECTION IN THE FIRST YEAR AFTER KIDNEY TRANSPLANTATION: A SINGLE-CENTER EXPERIENCE

Juan Carlos Santos¹; Soledad Serrano¹; Sandra Reinoso¹; Daniela Musa¹; Humberto Musa (jr)¹; Pablo Nasca¹; Sergio Musa²; Humberto Musa²

¹CPC, Argentina; ²Centro de Microbiología Médica, Argentina

18.51  **BOS505**  
The Cost and the Price of Urinary Tract Infections Following Renal Transplantation: A Four-Year Single Center Experience

Sophie Elands; Stephen Mepham; Sophie Collier; Ben Lindsey; Mark Harber; Ammar Al Midani

Royal Free Hospital NHS Foundation Trust, United Kingdom

18.55  **BOS506**  
CCR5-MEDIATED RECRUITMENT OF NK CELLS TO THE KIDNEY IS CRITICAL FOR RESISTANCE TO CANDIDA ALBICANS INFECTIONS

Byungsuk Kwon¹; Vvui G Tran¹; Kyung Sun Park¹; Jong Soo Lee²; Hong Rae Cho²

¹Ulsan University, Republic of Korea; ²Ulsan University Hospital, Republic of Korea

18.59  **BOS507**  
TRANSPANTATION AND DIALYSIS CENTER BACTERIAL PROFILE ANALYSIS: NINETEEN-YEAR REPORT (1998–2016)

Alexey Zulkarnaev; Andrey Vataz

Moscow Regional Research and Clinical Institute, Russian Federation

19.03  **BOS508**  
ENDOTOXIN ADSORPTION IN PATIENTS WITH SEPSIS AFTER RENAL TRANSPLANTATION

Alexey Zulkarnaev; Andrey Vataz

Moscow Regional Research and Clinical Institute, Russian Federation
19.07 **BOS509**
HOST BUT NOT PATHOGEN FACTORS PREDISPOSE TO KLEBSIELLA PNEUMONIAE UPPER URINARY TRACT INFECTIONS IN RENAL TRANSPLANT PATIENTS
Justyna Golebiewska; Beata Krawczyk; Magdalena Wysocka; Aleksandra Ewiak; Jolanta Komarnicka; Marek Bronk; Boleslaw Rutkowski; Alicja Dębska-Ślizień
1Medical University of Gdańsk, Poland; 2Department of Molecular Biotechnology and Microbiology, Faculty of Chemistry, Gdańsk University, Poland; 3Laboratory of Clinical Microbiology, University Centre for Laboratory Diagnostics, Medical Universit, Poland

19.11 **BOS510**
LACTOBACILLUS PLANTARUM 299V PREVENTS CLOSTRIDIUM DIFFICILE INFECTION IN PATIENTS TREATED IN THE TRANSPLANTATION AND NEPHROLOGY WARDS
Marcin Adamczak; Agata Kujawa-Szewieczek; Katarzyna Kwiecien; Sylwia Dudzicz; Magdalena Gazda; Andrzej Wiecek
Department of Nephrology, Transplantation and Internal Medicine, Poland

19.15 **BOS511**
A PROSPECTIVE, PHASE 2, COMPARATIVE STUDY OF ORAL SCY-078 VS. STANDARD-OF-CARE FOLLOWING INTRAVENOUS ECHINOCANDIN THERAPY IN THE TREATMENT OF INVASIVE CANDIDIASIS (INCLUDING CANDIDEMIA)
Peter Pappas; Silvia Helou; David Angulo
1University of Alabama, Birmingham, United States; 2Scynexis, Inc., United States

19.19 **BOS512**
EPIDEMIOLOGY AND OUTCOME OF TUBERCULOSIS IN IMMUNOCOMPROMISED PATIENTS IN A TERTIARY CARE HOSPITAL
isa salmi; Faisal Al Ismail; Abdelmassih Youssef; alan Hola
1Renal Medicine Department Royal Hospital, Oman; 2the Royal Hospital, Oman

19.23 **BOS513**
VALUE OF PERIOPERATIVE GENITOURINARY SCREENING CULTURE IN PREDICTING EARLY URINARY TRACT INFECTION AFTER RENAL TRANSPLANTATION
Sang-il Min; Sungsin Cho; Min-ji CHO; Won Pyo CHO; Chanjung Choi; Sanghyun Ahn; Seung-Kee Min; Sang Joon Kim; Jongwon Ha
1Seoul National University Hospital, Republic of Korea; 2Myongji Hospital, Republic of Korea

19.27 **BOS514**
FACTORS IN ASSOCIATION WITH SEPSIS DIFFER BETWEEN SIMULTANEOUS PANCREAS/KIDNEY AND SINGLE KIDNEY TRANSPLANT RECIPIENTS
Thomas Schachtner; Marina Zaks; Andreas Kahl; Petra Reinke
Charite Campus Virchow Clinic, Germany

18.35 – 19.35 **BOS38**
Kidney and liver transplantation – surgical challenges
CHAIR(S): Laura Llado, Barcelona, Spain; Diederik Kimenai, Rotterdam, The Netherlands

18.35 **BOS515**
SURGICAL PROPHYLAXIS OF LYMPHOCELE AFTER KIDNEY TRANSPLANTATION
Andriy Nykonenko; Sergiy Vildanov; Ihor Rusanov; Olexandr Nykonenko
Zaporizhzhia Medical Academy of Post-Graduate Education Ministry of Health of Ukraine, Ukraine

18.39 **BOS516**
EVALUATION OF AXIAL AND CORONAL SIZES OF POSTOPERATIVE LYMPHOCELE USING MULTIDETECTOR COMPUTED TOMOGRAPHY IN KIDNEY TRANSPLANT RECIPIENTS: PREDICTION OF SYMPTOMATIC LYMPHOCELE
Heungman Jun; Cheol Woong Jung
1Inje University Ilsan-Paik Hospital, Republic of Korea; 2Korea University Anam Hospital, Republic of Korea
18.43 BOS517
OUTCOMES OF 335 PEDIATRIC KIDNEY TRANSPLANTS
Aydincan Akdur; Ilker Arer; Ebru Ayyazoglu Soy; Esra Baskin; Gokhan Moray; Mehmet Haberal
1Department of Transplant Surgery, Baskent University, Turkey; 2Department of Pediatric Nephrology, Baskent University, Turkey

18.47 BOS518
RECONSTRUCTION OF THE PELVIS AND URETER OF THE RENAL GRAFT AFTER TOTAL NECROSIS OF THE URINARY EXCRETORY SYSTEM
Rafael Maciel; Rafael Maciel; Ana Maria Pontes; Francisco Buriti; Andrew Bonifacio; Daniela Oliveira
1Instituto Social de Assistencia a Saude and Hospital Antonio Targino, Brazil; 2Instituto Social de Assistencia a Saude, Brazil

18.51 BOS519
SETTING UP A DE NOVO ROBOTIC KIDNEY TRANSPLANT PROGRAMME — 10 STEPS IN SAFETY
Petrut Gogalniceanu; Raphael Uwechue; Zubir Ahmed; Pankash Chandak; Nikolaus Karydis; Andrew Fearnley; Francis Calder; Nick Sevaldis; Ben Chalcombe; Prokar Dasgupta; Jonathon Olshburgh; Ioannis Loukopolou; Nicos Kessaris; Pranjal Modi; Nizam Mamode
1Guy’s and St Thomas’ NHS Foundations Trust, United Kingdom; 2Guy’s and St Thomas’ NHS Foundations Trust, United Kingdom; 3King’s College London, United Kingdom; 4Institute of Kidney Diseases and Research Center, India

18.55 BOS520
EFFICACY OF USING FLOSEAL® TO PREVENT POST KIDNEY TRANSPLANTATION LYMPHOCELE FORMATION
Yiu Chung LAM; Wai Kit MA
1Princess Margaret Hospital, Hong Kong; 2Department of Surgery, Queen Mary Hospital, Hong Kong

18.59 BOS521
OPTIMIZING THE EFFECT OF PROPYLAIRC PERITONEAL FENESTRATION IN PREVENTION OF POST KIDNEY TRANSPLANTATION LYMPHOCELE THROUGH CLIPPING
Mohammad Golriz; Mohammadzadeh Sabagh; Elias Khajeh; Yakup Kulu; Parham Fathi; Omid Ghamarnejad; Arianeb Mehrabi
Department of General, Visceral, and Transplantation Surgery, University of Heidelberg, Germany

19.03 BOS522
MULTI-ORGAN RETRIEVAL FOLLOWING EXTENSIVE TYPE B AORTIC DISSECTION
Christopher Ogbugu; Ibrahim Ibrahim; Jennifer Logue; Rodrigo Figueiredo; Avinash Sewpaul; Aditya Kanwar; Colin Wilson; Muhammad Dosani; David Talbot
Freeman Hospital, United Kingdom

19.11 BOS524
SYSTEMATIC REVIEW AND SURVEY ON A VERY RARE PROCEDURE IN LIVER TRANSPLANTATION - EMERGENCY TOTAL HEPATECTOMY FOLLOWED BY ANHEPATIC STATE
Philipp Kron; Patricia Sanchez; Michael Linecker; Mickael Lesurtel; Michelle de Oliveira; Christian Oberkofler; Pierre-Alain Clavien; Philipp Dukowski; Henrik Petrowsky
1University Hospital Zurich, Switzerland; 2University Hospital Lyon, France

19.15 BOS525
LOW PLATELET COUNTS AND PROLONGED PROTHROMBIN TIME EARLY AFTER OPERATION PREDICT THE 90 DAYS MORTALITY IN LIVING-DONOR LIVER TRANSPLANTATION
Nobuhisa Akamatsu; Junichi Togashi; Junichi Kaneko; Junichi Arita; Yoshihiro Sakamoto; Ryosyo Hasegawa; Norihiro Kokudo
1Graduate School of Medicine, The University of Tokyo, Japan; 2Artificial Organ and Transplantation Surgery Division, Department of Surgery, University of Tokyo, Japan
19.19 BOS526
FENESTRATED STENT/GRAFT REPAIR FOR COMPLEX PSEUDOANEURYSMS AFTER LIVER AND PANCREAS TRANSPLANTATION
Jennifer Logue1; Sébastien Mafeld2; Steve Masson2; Colin Wilson2; Gourab Sen2; Derek Manas4; Steve White1; Rob Williams1
1Freeman Hospital / Institute of Transplantation / NIHR Blood Transplant Research Unit, United Kingdom; 2Freeman Hospital / Institute of Transplantation / NIHR Blood Transplant Research Unit, United Kingdom; 3freeman Hospital / Institute of Transplantation / NIHR Blood Transplant Research Unit, United Kingdom

19.23 BOS527
CLINICAL EXPERIENCE AND FEASIBILITY OF TOTALLY LAPAROSCOPIC LIVING DONOR HEPATECTOMY
Jae Min Chun; Yoon Jin Hwang; Young Seok Han; Heontak Ha
Kyungpook National University Hospital, Republic of Korea

19.27 BOS528
REAL-TIME INTRAOPERATIVE FLUORESCENT LYMPHOGRAPHY A NEW TECHNIQUE FOR LYMPHATIC SPARING SURGERY
Giuseppe Ietto; Gabriele Soldini; Domenico Iovino; Marco Calussi; Cristiano Parise; Elia Zani; Veronica Raveglia; Matteo Tozzi; Giulio Carcano
Insubria University, Italy

18.35 – 19.35 BOS39 Kidney – ‘Mixed grill’
CHAIR(S): Thomas Mueller, Zurich, Switzerland, Dennis Hesselink, Rotterdam, The Netherlands

18.35 BOS529
HISTOLOGIC VARIABLES OBTAINED BY 1-YEAR PROTOCOL BIOPSIES RELATE TO KIDNEY TRANSPLANT FAILURE SCORE
Lara Belmar; Jairo Bada; Luis Galván; Javier Gómez-Román; Juan Carlos Ruiz; Rosalía Valero; Luis Martín-Penagos; Emilio Rodrigo
Hospital Universitario Marqués de Valdecilla, Spain

18.39 BOS530
DOES INDUCTION THERAPY WITH ATG PROTECT AGAINST ANTI-HLA ANTIBODIES PRODUCTION AFTER TRANSPLANTECTOMY?
Edoardo Melilli1; Marta Lepore1; Anna Manonelles1; Jaume Martorell1; Josepmaria Cruzado1; Nuria Montero1; Maria Meneghini1; Luis Riera1; Oriol Bestard1
1Renal Transplant Unit Hospital de Bellvitge, Spain; 2Immunology HLA Laboratory - Hospital Clinic, Spain; 3Urology Department - Hospital de Bellvitge, Spain

18.43 BOS531
IS TREATMENT OF CHRONIC ANTIBODY-MEDIATED REJECTION BY BORTEZOMIB EFFECTIVE?
Janka Slatinska; Eva Honsova; Tomas Rohal; Petra Bohacova; Petra Hruba; Ondrej Vikicky
Institute for Clinical and Experimental Medicine, Czech Republic

18.47 BOS532
BORTEZOMIB AS A NOVEL THERAPEUTIC APPROACH TO EARLY RECURRENT POST-KIDNEY TRANSPLANT MEMBRANOUS GLOMERULONEPHRITIS REFRACTORY TO COMBINED CONVENTIONAL–RITUXIMAB THERAPY
Antoine Barbari1; Rima Chehade1; Hala Kfouri Kassouf1; Gaby Kamel1; Mahassen Jaafar1; Ayman Abdallah1; Sylvana Rizk2; Marwan Masri3
1Rafik Hariri University Hospital, Lebanon; 2King Saoud University, Saudi Arabia, Saudi Arabia; 3Transmedical for Life, Lebanon, Lebanon

18.51 BOS533
THERAPEUTIC EFFECTS FOR SUBCLINICAL ACUTE REJECTION IN RENAL TRANSPLANT PROTOCOL BIOPSIES
Masaki Muramatsu; Yoji Hyodo; Yoshihiro Itabashi; Hideo Oguchi; Yuko Hamasaki; Hiroshi Nihei; Kei Sakurabayashi; Takeshi Kawamura; Seichiro Shishido; Ken Sakai; Atsushi Aikawa
Department of Nephrology, Toho University Faculty of Medicine, Japan
BOS534
ROLE OF SERUM TARGET OF RAPAMYCIN (TOR) AND PERIPHERAL BLOOD NATURAL KILLER CELLS IN PATIENTS WITH RENAL TRANSPLANTATION: RELATION TO ALLOGRAFT FUNCTION AND SURVIVAL
Hayam El Aggan1; Myriam Helmy2; Sherif Zaki3; Dalia Tawfik3
1University of Alexandria, Faculty of Medicine, Department of Medicine, Egypt; 2University of Alexandria, Faculty of Medicine, Department of Clinical and Chemical Pathology, Egypt; 3Ministry of Health, El Gomhoreya Hospital, Egypt

BOS535
SUCCESSFUL RENAL TRANSPLANTATION AFTER DESENSITIZATION IN PATIENTS WITH SENSITIZED END STAGE RENAL DISEASE
Vural Taner Yilmaz1; Huseyin Kocak2; Abdullah Kisaoglu3; Sadi Koksoy4; Ramazan Cetinkaya2; Gultekin Suleymanlar2; Bulent Aydinli3
1Akdeniz University Medical School Department of Internal Medicine Division of Nephrology, Turkey; 2Akdeniz University Medical School, Department of Internal Medicine, Division of Nephrology, Turkey; 3Akdeniz University Medical School, Department of Genaral Surgery, Turkey; 4Akdeniz University Medical School, Department of Clinical Immunology, Turkey

BOS536
THE INFLUENCE OF PREFORMED HLA CLASS I AND II PANEL REACTIVE ANTIBODIES ON CLINICAL AND PATHOLOGICAL OUTCOMES OF KIDNEY ALLOGRAFT
Çağlar Ruhi1; Murat Tuğcu1; Umut Kasapoğlu1; Başak Boynueğri2; Gülistan Gümrükçü2; Pınar Ata3; Süheyla Apaydın4; İzzet Mesut Titiz1
1Haydarpaşa Numune Research and Training Hospital, Transplantation Center, Turkey; 2Haydarpaşa Numune Research and Training Hospital, Pathology Department, Turkey; 3Marmara University Medical Genetics Department, Turkey; 4Bakırköy Dr. Sadi Konuk Training and Research Hospital, Nephrology Department, Turkey

BOS537
LONG-TERM RESULTS OF A CASE OF ABO INCOMPATIBLE KIDNEY TRANSPLANTATION WITH HIGH TITER OF ANTI-ABO ANTIBODY USING ECULIZUMAB INDUCTION
Hiroaki Shimmura1; Arisa Wada2; Masayoshi Okumi1; Kazunari Tanabe2
1Jyoban Hospital, Japan; 2Tokyo Women’s Medical University, Japan

BOS538
A NEW PAIRED KIDNEY DONATION (PKD) STRATEGY FOR VERY HIGHLY SENSITIZED PATIENTS (VHSP): A SINGLE CENTER EXPERIENCE
Khalid Almeshari; Dieter Broering; Ibrahim Alahmadi; Jens Gunther Brockmann; Syed Raza; Tariq Ali; Fadi Alzayer; Amal Algharabli
King Faisal Specialist Hospital, Saudi Arabia

BOS539
RETROACTIVE APPLICATION OF A NEW RISK INDEX FOR LIVING DONOR KIDNEY TRANSPLANTATION (LKDPI) TO RENAL TRANSPLANTS IN VERACRUZ, MEXICO
Gustavo Martinez-Mier1; Ernesto Soto-Miranda2; Luis Budar-Fernandez2; Pedro Ivan Moreno-Ley3
1IMSS UMAE 14 Adolfo Ruiz Cortines, Mexico; 2IMSS UMAE 14 Adolfo Ruiz Cortines, Mexico

BOS540
INCIDENCE OF POST KIDNEY TRANSPLANT NEUTROPENIA IN CHILDREN AND THE IMPACT OF MYCOPHENOLATE MOFETIL DOSE REDUCTION ON THE INCIDENCE OF REJECTION AND GRAFT SURVIVAL
Alanoud Alshami1; Abeer Barqawi2; Mushari Amr2; Rihab Osman2; Zahra Aldawood2; Rihab Osman1
1Multi Organ Transplant Center/King Fahad Specialist Hospital, Saudi Arabia; 2King Fahad Specialist Hospital Dammam, Saudi Arabia; 3Pediatric department, Division of Nephrology, King Fahad Specialist Hospital Dammam, Saudi Arabia

BOS541
EXTRACORPOREAL PHOTOPHERESIS AS INDUCTOR OF PARTIAL IMMUNOLOGICAL TOLERANCE IN RENAL TRANSPLANTATION
Alexey Zulkarnaev; Andrey Vatazin; Veronika Vatazina; Alexander Kildushevsky; Alexander Faenko
Moscow Regional Research and Clinical Institute, Russian Federation
**BOS542**
SUCCESSFUL TRANSPLANTATION OF ECD DCD KIDNEYS USING REMUZZI SCORING TO DIFFERENTIATE BETWEEN SINGLE AND DUAL TRANSPLANTS
John Ayorinde; Jack Martin; Dominic Summers; Vasilis Kosmoliaptsis; Satheesh Iype; Gavin Pettigrew
Addenbrooke’s Hospital, United Kingdom

**BOS40**  Living donation and kidney transplantation - surgical issues  
Room 125
Chair(s): Jiri Fronek, Prague, Czech Republic

**BOS544**
SEARCH FOR THE MOST DEVELOPED LAPAROSCOPIC DONOR NEPHRECTOMY
Ken Nakagawa; Hidaka Kono; Jun Hagiuda; Masayuki Hagiwara; Ryouhei Takahashi
Tokyo Dental College Ichikawa General Hospital, Japan

**BOS545**
INCREASED WARM ISCHEMIA TIME WITH LAPAROSCOPIC LIVING DONOR NEPHRECTOMY: MYTH OR REALITY?
Diogo Nunes Carneiro¹; André Marques-Pinto¹; João Cabral¹; Isaac Braga²; Miguel Silva Ramos³; Vitor Cavadas¹
¹Centro Hospitalar do Porto, Portugal; ²Instituto Portugues de Oncologia do Porto, Portugal

**BOS546**
3D ENDOSCOPIC DONOR NEPHRECTOMY VERSUS ROBOT-ASSISTED DONOR NEPHRECTOMY: A DETAILED COMPARISON OF TWO PROSPECTIVE COHORTS
Evalyn Mulder; Shiromani Janki; Türkan Terkivatan; Jan IJzermans; Khe Tran
Erasmus Medical Center, The Netherlands

**BOS547**
LIVING DONOR NEPHRECTOMY: FROM HAND ASSISTED TO SINGLE PORT
Kirsty Gray; Stephen O’Neill; Sarah Lundie; Kath Brown; Lynne McCutcheon; Gabriel Oniscu
Transplant Unit, Royal Infirmary of Edinburgh, United Kingdom

**BOS548**
AORTO-BI-SIALIAC BYPASS USING A VENOUS HOMOGRAFT AND CONCOMITANT KIDNEY TRANSPLANTATION IN A PATIENT WITH SEVERE BILATERAL IliAC OCCLUSIVE DESEASE: REPORT OF A CASE
Ela Zani¹; Giuseppe Jetto¹; Gabriele Soldini¹; Domenico Lovino¹; Cristiano Parise¹; Veronica Raveglia¹; Marco Calussi²; Matteo Tozzi²; Giulio Carcano¹
¹Transplant General Surgery Department, Ospedale di Circolo e Fondazione Macchi, Insubria University, Italy; ²Vascular Surgery Department, Ospedale di Circolo e Fondazione Macchi, Insubria University, Italy

**BOS549**
HAND-ASSISTED EXTRAPERITONEOSCOPIC LIVE-DONOR NEPHRECTOMY: SINGLE CENTRE EXPERIENCE SINCE 2011: 250 CASES
Jiri Fronek; Libor Janousek; Jakub Kristek; Tomas Marada
Institute for Clinical and Experimental Medicine (IKEM), Prague, Czech Republic

**BOS550**
IMPROVING THE QUALITY OF DONATED KIDNEY: LEFT MULTIPLE-ARTERY VERSUS RIGHT SINGLE-ARTERY KIDNEY DONATION
Diogo Nunes Carneiro¹; Andre Marques Pinto¹; Isaac Braga²; João Cabral¹; Manuela Almeida¹; Miguel Silva Ramos²; Vitor Cavadas¹
¹Centro Hospitalar do Porto, Portugal; ²Instituto Portugues de Oncologia do Porto, Portugal

**BOS551**
COMPARISON OF LAPAROSCOPIC SINGLE-SITE DONOR NEPHRECTOMY WITH OPEN EXTRACTION OR VAGINAL EXTRACTION TECHNIQUES - A SINGLE CENTER EXPERIENCE
Turker Erturk; Abdulhak Hamit Karayagiz; Ulkem Cakir; Ibrahim Berber
Acibadem Univ. international Hospital Organ Transplantation Center, Turkey
19.11  **BOS552**
**VASCULAR RECONSTRUCTION IN KIDNEY TRANSPLANTATION**
Andriy Nykonenko; Igor Rusanov; Vladimir Yakimenko; Sergiy Vildanov; Olexandr Nykonenko
Zaporizhzhia Medical Academy of Post-Graduate Education Ministry of Health of Ukraine, Ukraine

19.15  **BOS553**
**RENAL ARTERY ANEURYSM REPAIR USING LAPAROSCOPIC NEPHRECTOMY, BACK BENCH VASCULAR RECONSTRUCTION AND AUTOTRANSPANTATION: CASE SERIES OF 6 SURGICAL PROCEDURES**
Gabriele Soldini; Letto Giuseppe; Domenico Iovino; Cristiano Parise; Elia Zani; Veronica Raveglia; Matteo Tozzi; Giulio Carcano
1 General Surgery and Transplant Department, University of Insubria, Varese, Italy; 2 Vascular Surgery and Transplant Department, University of Insubria, Varese, Italy

19.19  **BOS554**
**AN ALTERNATIVE APPROACH FOR KIDNEY TRANSPLANTATION TO SPLENIC VESSELS IN PATIENT WITH OCCLUSIVE INFERIOR VENA CAVA (IVC)**
Sigal Aizner; Michael Gurevich; Eviatar Nesher; Vadym Mezhybovsky; Vladimir Tanek; Eytan Mor
1 Rabin Medical Center, Israel; 2 Rabin Medical Center Beilinson Hospital, Israel

19.23  **BOS555**
**IS ULTRASOUND GUIDED PERCUTANEOUS RENAL BIOPSY SAFE IN ROBOT ASSISTED KIDNEY TRANSPLANT PATIENTS?**
Fatih Gokhan Akbay; Aysegul Kudu; Aysun Erbahceci Sali; Filiz İslım; Mesude Yasemin Ozlu; Isin Kilicaslan; Volkan Tugcu; Suheyla Apaydin
1 Bakirkoy Dr. Sadi Konuk Training and Research Hospital, Nephrology Department, Turkey; 2 Bakirkoy Dr. Sadi Konuk Training and Research Hospital, Radiology Department, Turkey; 3 Istanbul University, Istanbul Faculty of Medicine, Pathology Department, Turkey; 4 Bakirkoy Dr. Sadi Konuk Training and Research Hospital, Urology Department, Turkey

18.35 – 19.35  **BOS41**  **Pushing the limits in lung transplantation**  **Room 127**
Chair(s): Alexis Slama, Vienna, Austria

18.35  **BOS557**
**INDICATIONS FOR PROPER USE OF INTRAOPERATIVE EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO) IN LUNG TRANSPLANTATION: OUR RECENT EXPERIENCE**
Arash Astaneh; Luca Luzzi; Marco Ghisalberti; Roberto Corzani; Fabiola Meniconi; Piero Paladini
Azienda Ospedaliero-Universitaria Senese, Italy

18.39  **BOS558**
**MESENCHYMAL STEM CELL TREATMENT IN A TRANSLATIONAL EX VIVO LUNG PERFUSION SYSTEM**
Maximilia Hottenrott; Mojtaba Parvizi; Judith Van Zanden; Susanne Veldhuis; Petra Ottens; Henri Leuvenink; Marco Harmsen; Michiel Erasmus
1 Department of Surgery, University Medical Center Regensburg, University of Regensburg, Germany; 2 Department of Pathology and Medical Biology, University Medical Center Groningen, University of Groningen, The Netherlands; 3 Department of Cardiothoracic Surgery, University Medical Center Groningen, University of Groningen, The Netherlands; 4 Department of Surgery, University Medical Center Groningen, University of Groningen, The Netherlands

18.43  **BOS559**
**AWAKE EXTRACORPOREAL MEMBRANE OXYGENATION BRIDGING FOR PULMONARY RETRANSPANTATION: CASE REPORT**
Fethi Gül; Sehnaz Olgun Yildizeli; Murside Yıldız; Mustafa Kemal Arslantas; Bedrettin Yildizeli; Ismail Cineł
Marmara University, Turkey
**BOS560**

**CHRONIC PAIN 1-5 YEARS AFTER LUNG TRANSPLANTATION – A MULTICENTER STUDY**

Anna Forsberg; Matilda Claëson; Gull-Britt Dahlman; Annette Lennerling

1The thoracic transplant unit at Sk, Sweden; 2Skåne University Hospital, Sweden; 3Institute of Health Sciences at Lund University, Sweden; 4The Transplant Unit at Sahlgrenska University Hospital, Sweden

**BOS561**

**RECOVERY AND PSYCHOLOGICAL WELL-BEING ONE TO FIVE YEARS AFTER LUNG TRANSPLANTATION – A MULTICENTRE STUDY**

Martina Lundmark; Annette Lennerling; Matilda Almgren; Anna Forsberg

1The Thoracic Transplant Unit Skane University Hospital, Department of Health Sciences, University of, Sweden; 2The Transplant Center, Sahlgrenska University Hospital, Gothenburg, Sweden; 3The Institute of Health and, Sweden

**BOS562**

**SYMPTOM PREVALENCE AND SYMPTOM DISTRESS ONE TO FIVE YEARS AFTER LUNG TRANSPLANTATION - A MULTICENTRE STUDY**

Martina Lundmark; Matilda Claesson; Matilda Almgren; Anna Forsberg

The Thoracic Transplant Unit Skane University Hospital, University of Lund, Sweden

**BOS563**

**INFECTIONS AS CAUSE OF ICU READMISSION AFTER LUNG TRANSPLANTATION**

Cristopher Mazo; Jordi Riera; Teresa Pont; Maria A Ballesteros; Eloisa López; Judy Rellan; Juan Robles; Jordi Rello

1Vall d’Hebron University Hospital, Spain; 2Marqués de Valdecillas University Hospital, Spain; 3Hospital 12 de Octubre, Spain; 4Hospital Universitario de A Coruña, Spain; 5Hospital Universitario Reina Sofía, Spain; 6Universitat Autonoma de Barcelona, Spain

**BOS564**

**OUTCOMES AFTER HEART-LUNG COMBINED TRANSPLANTATION - SINGLE CENTER EXPERIENCE**

Dewei Ren; Thomas Kaleekal; Jerry Estep; Edward Graviss; Duc Nguyen; Neeraj Sinha; Erik Suarez; Matthias Loebe; Scott Scheininn; Brian Bruckner

1Houston Methodist Hospital, United States; 2Memorial Jackson Hospital, United States

**BOS565**

**EFFECTS OF 17BETA-ESTRADIOL ON A SUDDEN ONSET BRAIN DEATH MODEL IN MALE RATS**

Roberta Figueiredo Vieira; Ana Cristina Breithaupt-Faloppa; Bruno Carvalho Matsubara; Geovana Rodrigues; Marcelo Petrof Sanches; Sueli Gomes Ferreira; Cristiano de Jesus Correia; Luiz Felipe Moreira; Paulina Sannomiya

1Hospital das Clínicas, Faculdade de Medicina, Universidade de São Paulo, Brazil; 2Hospital das Clínicas, Faculdade de Medicina, Universidade de Sao Paulo, Brazil; 3Faculdade de Medicina, Universidade de Sao Paulo, Brazil; 4Faculdade de Medicina, Universidade de Sao Paulo, Brazil; 5Instituto do Coração, Hospital das Clínicas, Faculdade de Medicina, Universidade de Sao Paulo, Brazil

**BOS566**

**PRESERVATION SOLUTION AFFECTS THE IMMUNOLOGICAL MILIEU IN LUNG TRANSPLANTATION AND ALTERS THE INFLAMMATORY BALANCE**

Ramon Bellmàs Sanz; Midas Seyda; Bettina Wiegmann; Christine Neudoerfl; Igor Tudorache; Axel Haverich; Christine Falk; Gregor Warnecke

1Institute of Transplant Immunology, Hannover Medical School, Germany; 2Department for Cardiothoracic, Transplantation and Vascular Surgery, Hannover Medical School, Germany

**BOS567**

**QUANTITATIVE COMPUTED TOMOGRAPHY ANALYSIS OF PULMONARY EVOLUTION DURING FIRST YEAR AFTER LUNG TRANSPLANTATION**

Alessandro Palleschi; Letizia Corinna Morlacchi; Caterina Salito; Francesca Pennati; Rosaria Carrinola; Valeria Rossetti; Sonia Henchi; Francesco Damarco; Andrea Aliverti; Mario Nosotti

1Fondazione IRCCS Ca’ Granda - Ospedale Maggiore Policlinico di Milano, Italy; 2Politecnico di Milano, Italy
**BO568**

ASSESSMENT OF CYTOMEGALOVIRUS (CMV) SPECIFIC AND OVERALL IMMUNE RESPONSE IN LUNG TRANSPLANT PATIENTS WITH POSITIVE CMV SEROLOGY PRE-TRANSPLANTATION

Helena Sintes; Victor Monforte; Piedad Ussetti; Virginia Pérez; Javier Redel; Amparo Solé; Jose Maria Borro; Jose Cifrián

1Pulmonology, Hospital Universitario Vall d’Hebron, Barcelona, Spain; 2Pulmonology, Hospital Universitario Puerta de Hierro, Madrid, Spain; 3Pulmonology, Hospital Universitario Doce de Octubre, Madrid, Spain; 4Pulmonology, Hospital Universitario Reina Sofía, Córdoba, Spain; 5Pulmonology, Hospital Universitario La Fe, Valencia, Spain; 6Pulmonology, Hospital Universitario A Coruña, Spain; 7Pulmonology, Hospital Universitario Marques de Valdecilla, Santander, Spain

**BO569**

IMMUNE MONITORING-GUIDED TREATMENT OF A PEDIATRIC PATIENT WITH SEQUENTIAL GVHD, ACUTE REJECTION AND CMV INFECTION FOLLOWING LUNG TRANSPLANTATION

Nicolaus Schwerk; Carsten Müller; Igor Tudorache; Wiebke Sommer; Christine Neudörfl; Gesine Hansen; Axel Haverich; Gregor Warnecke; Christine S. Falk

1Dep. of Pediatric Pneumology MHH, Germany; 2Dept. of Cardiothoracic, Transplantation and Vascular Surgery MHH, Germany; 3CTS, MGH, Boston, MA, United States; 4Institute of Transplant Immunology MHH, Germany

**BO570**

SAFEGUARDS AND PITFALLS OF EXTRACORPOREAL MEMBRANE OXYGENATION AS BRIDGE TO LUNG TRANSPLANTATION

Daniel Absi; Margarita Peradejordi; Gustavo Parrilla; Juan Osses; Roberto Favaloro; Alejandro Bertolotti

Hospital Universitario Fundación Favaloro, Argentina

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**BOS42**  Pediatric

**BO570.1**

PAEDIATRIC RENAL TRANSPLANT SURGICAL SAFETY CHECKLIST — VALIDATION USING A NOVEL INDIRECT METHOD

Petrut Gogalniceanu; Jelena Stojanovic; Nizam Mamode; Nicos Kessaris

1Guy’s and St Thomas’ NHS Foundations Trust, United Kingdom; 2Evelina London Children Hospital, United Kingdom; 3Guy’s and St Thomas’ NHS Foundations Trust, United Kingdom

**BO570.2**

MULTI-DRUG RESISTANT CMV VIREMIA SECONDARY TO A RARE VIRAL MUTATION IN PEDIATRIC KIDNEY TRANSPLANT RECIPIENT SUCCESSFULLY TREATED WITH ANTI-PROLIFERATIVE CESSION AND IMMUNOGLOBULINS ONLY

Rachel Folwell; Grainne Walsh; Helen E Jones; Eithne MacMahon; Nicos Kessaris; Jelena Stojanovic

1Evelina London Children’s Hospital, United Kingdom; 2Guy’s and St Thomas’ NHS Foundation Trust, United Kingdom

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**BO571**

A SINGLE CENTER EXPERIENCE OF LIVER-KIDNEY TRANSPLANTATION IN CHILDREN

Maria Sole Basso; Federica Beccagutti; Daniela Liccardo; Andrea Pietrobatista; Luca dello Stroolo; Stefano Picca; Rosanna Pariante; Lidia Monti; Paola Francalanci; Marco Spada; Chiara Grimaldi; Maria Cristina Saffioti; Roberta Angelico; Giuliano Torre; Manila Cangioso

1Liver Transplantation Unit, Children Hospital Bambino Gesù, Italy; 2Kidney Transplantation Unit, Children Hospital Bambino Gesù, Italy; 3Anaesthesiology Unit, Children Hospital Bambino Gesù, Italy; 4Radiology Unit, Children Hospital Bambino Gesù, Italy; 5Pathology Unit, Children Hospital Bambino Gesù, Italy
18.47  **BOS572**  
**Graft Function and Rejection after Posttransplant Lymphoproliferative Disease (PTLD) in Pediatric Kidney Recipients under mTOR-Inhibitor Based Immunosuppression**
Nele Kanzelmeyer  
Hanover Medical School, Germany

18.55  **BOS574**  
**Innovative Approach to Engage and Manage Teenage and Young Adult Transplant Recipients: User Views of a Community Based Young Adult Service**
Maximilian Brodermann 1; Daley Cross 2; Paul Harden 2  
1University of Oxford, United Kingdom; 2Oxford Kidney Unit and Transplant Centre, United Kingdom

18.59  **BOS575**  
**SMARTY: An E-Health Tool for Communication Between Patients, Families and Medical Care Teams After Pediatric Liver Transplantation**
Femke Piersma 1; Gertrud Hagenlocher 1; Jens Maschmann 2; Susanne Vosskühler 2; Joachim Riehmüller 3; Ekkehard Sturm 1  
1Children's Hospital, University Hospital Tübingen, Germany; 2University of Tübingen, Germany; 3University Hospital Tübingen, Germany

19.03  **BOS576**  
**Pediatric Donation - Consent Rates in Different Age Groups**
Jutta Weiss; Franz Schaub; Axel Rahmel; Thomas Breidenbach  
Deutsche Stiftung Organtransplantation, Germany

19.07  **BOS577**  
**Kidney Re-Transplantation in Childhood: Feasibility and Outcomes**
Nadeesha Mudalige 1; Helen Jones 1; Graine Walsh 1; Anna Adamusiak 2; Pankaj Chandak 2; Nicos Kessaris 2; Nizam Mamode 2; Jelena Stojanovic 1  
1Evelina London Children’s Hospital, United Kingdom; 2Guy’s and St Thomas’ NHS Foundation Trust, United Kingdom

19.11  **BOS578**  
**Parents’ Experiences of Requests for Organ and Tissue Donation: Evidence From a Qualitative Study**
Anne-Sophie Darlington 1; Tracy Long-Sutehall 1; Duncan Randall 1; Victoria Robinson 1; Joe Brierley 2  
1University of Southampton, United Kingdom; 2Great Ormond Street Hospital for Children, United Kingdom

19.15  **BOS579**  
**Liver Transplantation in Maple Syrup Urine Disease (MSUD): A Single Centre Experience**
Daniela Liccardo 1; Maria Sole Basso 1; Giovanna Cotugno 2; Carlo Dionisi Vicini 2; Cettina Meli 2; Andrea Pietrobattista 3; Rosanna Pariante 1; Francesco Smedile 1; Chiara Grimaldi 1; Maria Cristina Saffioti 2; Roberta Angelico 2; Giuliano Torre 1; Manila Candusso 1; Marco Spada 1  
1Liver Transplantation Unit, Children Hospital Bambino Gesù, Italy; 2Metabolic Unit, Children Hospital Bambino Gesù, Italy; 3Anaesthesiology Unit, Children Hospital Bambino Gesù, Italy

19.19  **BOS580**  
**Replacement Versus Preservation of the Native Vena Cava in Pediatric Liver Transplantation with Left Lateral Segment Grafts**
Stefania Carnagni; Alessandro Lucianetti; Domenico Pinelli; Lorenzo D’Antiga; Michele Colledan  
ASST Papa Giovanni XXIII - Bergamo, Italy
19.23  **BOS581**
COLONIZATION OF PEDIATRIC LIVER TRANSPLANT RECIPIENT WITH KPC-PRODUCING KLEBSIELLA PNEUMONIAE: A SINGLE CENTER EXPERIENCE WITH THE USE OF MODIFIED ANTIBIOTIC PROPHYLAXIS
Andrea Pietrobattista; Sabrina Cardile; Manila Candusso; Maria Sole Basso; Daniela Liccardo; Paola Bernaschi; Francesca Tortora; Roberto Bianchi; Marco Spada; Chiara Grimaldi; Giuliano Torre
Bambino Gesu Children Hospital, Italy

19.27  **BOS582**
SIMULTANEOUS PEDIATRIC LIVER AND PANCREAS TRANSPLANTATION IN A PATIENT WITH WOLCOTT-RALLISON SYNDROME
Johan Nordström; Carl Jorns; Rafal Dlugosz; Lars Wennberg; Greg Nowak
Transplantation Surgery, Sweden

19.30 – 20.15  **Rising Stars Networking Event**
Wednesday 27 September

**EDUCATIONAL TRACK SESSION 5**  
Room 113

07.30 – 09.00  
**Infection diseases**

CHAIRS:  
Alain Le Moine, Brussels, Belgium  
Frederike Bemelman, Amsterdam, The Netherlands

07.30  
Learning objectives assessment

07.45  
Prophylaxis of infections in solid organ transplantation (including donor derived infections)  
Jay Alan Fishman, Boston, United States

08.00  
Infectious diseases in the central nervous system of solid organ transplant patients  
Peter Portegies, Amsterdam, The Netherlands

08.15  
Fungal and yeast infections in SOT patients  
José María Aguado, Madrid, Spain

08.30  
Impact of infection on chronic allograft dysfunction and allograft survival after solid organ transplantation  
Oriol Manuel, Lausanne, Switzerland

**EDUCATIONAL TRACK SESSION 6**  
Room 114

07.30 – 09.00  
**The allograft phenotype and its clinical implications**

CHAIRS:  
Lorna Marson, Edinburgh, United Kingdom  
Marlies Reinders, Leiden, The Netherlands

07.30  
Learning objectives assessment

07.45  
Allo-immune responses: what a clinician should know  
Frans Claas, Leiden, The Netherlands

08.00  
Rejection phenotypes across organs: revisiting the basics  
Chris Bellamy, Edinburgh, United Kingdom

08.15  
How to integrate complex histological phenotypes in routine clinical decision making?  
Daniel Serón, Barcelona, Spain

08.30  
Time to make computer-assisted instead of eminence-based decisions?  
Alexandre Loupy, Paris, France

08.00 – 09.00  
**Late breaking oral session**

08.00 – 09.00  
**LBFO02  Late breaking session 2**

CHAIR(S):

08.00  
**LOS009**  
SIGNIFICANTLY LESS CMV- AND BKV-EVENTS WITH EVEROLIMUS-BASED VS. TACROLIMUS-MPA REGIMEN IN DE NOVO RENAL TRANSPLANT RECIPIENTS: 12 MONTHS DATA ON INFECTIONS FROM ATHENA STUDY  
Björn Nashan1; Claudia Sommerer1; Barbara Suwelack1; Duska Dragun1; Ingeborg Hauser1; Peter Schenker1; Oliver Witzke1; Christian Hugo2; Nassim Kamar3; Pierre Merville2; Martina Junge3; Friedrich Thaiss1  
1Athena Study Group, Germany; 2Athena Study Group, France; 3Novartis Pharma, Germany
08.07 LOS010
THE TRANSFORM STUDY: EFFECT OF EVEROLIMUS WITH REDUCED-EXPOSURE CALCINEURIN INHIBITOR ON 12-MONTH RENAL FUNCTION OUTCOMES IN DE NOVO KIDNEY TRANSPLANT RECIPIENTS
Federico Oppenheimer1; Oliver Witzke2; Ondrej Vlkicky3; Elisabeth Cassuto4; Johan De Fijter5; Uyen Huynh-Do6; Graeme Russ7; Titte Srinivas8; Wen-Lin Luo9; Peter Bernhardt10; Yasir Qazi11
1Hospital Clinic de Barcelona, Barcelona, Spain; 2Universitätsklinikum Essen, Essen, Germany; 3IKEM, Prague, Czech Republic; 4Hospital Pasteur, Nice, France; 5Leiden University Medical Center, Leiden, The Netherlands; 6Inselspital Bern, Bern, Switzerland; 7Royal Adelaide Hospital, Adelaide, Australia; 8Intermountain Transplant Center, Murray, United States; 9Novartis Pharmaceuticals Corporation, East Hanover, United States; 10Novartis Pharma AG, Basel, Switzerland; 11University of Southern California, Los Angeles, United States

08.14 LOS011
TRANSFORM STUDY: IMPACT OF DONOR TYPE ON 12-MONTH OUTCOMES OF EVEROLIMUS AND REDUCED CALCINEURIN INHIBITOR VERSUS MYCOPHENOLATE AND STANDARD CALCINEURIN INHIBITOR IN DE NOVO KIDNEY TRANSPLANT PATIENTS
Stefan Berger1; Claudia Sommerer2; Ma Bakh3; Myoung Soo Kim4; Romina Danguilan5; Johan De Fijter6; Mitchell Henry7; Wen-Lin Luo8; Peter Bernhardt9; Christophe Legendre10
1University of Groningen, Groningen, The Netherlands; 2Universitätsklinikum Heidelberg, Heidelberg, Germany; 3Mansoura Urology & Nephrology Center, Mansoura University, Egypt; 4Severance Hospital, Seoul, Republic of Korea; 5National Kidney and Transplant Institute, Quezon City, Philippines; 6Leiden University Medical Center, Leiden, The Netherlands; 7Comprehensive Transplant Center at Ohio State University, Columbus, OH, United States; 8Novartis Pharmaceuticals Corporation, East Hanover, NJ, United States; 9Novartis Pharma AG, Basel, Switzerland; 10Université Paris Descartes and Hôpital Necker, Paris, France

08.21 LOS012
CLINICAL SIGNIFICANCE OF ALLOANTIBODIES IN HAND TRANSPLANTATION: A MULTICENTER STUDY
Erik Berglund1; Mette Andersen Ljungdahl1; Darko Bogdanovic1; David Berglund2; Jonas Wadström1; Anne-Marie Weissenbacher1; Palmina Petruzzo1; Stefan Schneeberger6
1Department of Transplantation Surgery, Karolinska University Hospital, Sweden; 2Dept of Immunology, Genetics and Pathology, Section of Clinical Imm., Uppsala University, Sweden; 3Nuffield Dept of Surgical Sciences, Oxford Transplant Centre, Churchill Hospital, Oxford University, United Kingdom; 4Dept of Transplantation, Hopital Edouard Herriot, Hct, France; 5Center for Operative Medicine, Department of Visceral, Transplant and Thoracic Surgery, Innsbruck Me, Austria

08.28 LOS013
VASCULARIZED HUMAN FINGER DECELLULARIZATION: A SUBUNIT APPROACH TO HAND TISSUE ENGINEERING
Jérôme Duusit1; Donovan Debluts2; Louis Maistriaux2; Thomas Roels2; Catherine Behets2; Giuseppe Orlando3; Pierre Gianello1; Benoit Lengelé1
1Plastic Surgery Department, Cliniques Universitaires Saint-Luc, Université Catholique de Louvain, Belgium; 2Inrec, Université Catholique de Louvain, Brussels, Belgium; 3Wake Forest University Health Sciences, United States

08.35 LOS014
COMBINATION OF IL2/ANTI-IL2 COMPLEXES AND ANTI-INFLAMMATORY THERAPY FOR TOLERANCE INDUCTION
Nina Pilat1; Benedikt Mahr1; Mario Wiletel1; Nicolas Granofszky1; Joanna Warren2; Theresa Corpus2; Thomas Wekerle1; Kylie Webster2; Jonathan Sprent2
1Medical University of Vienna, Austria; 2Garvan Institute of Medical Research, Australia

08.42 LOS015
DONOR SPECIFIC AND NON-DONOR SPECIFIC HLA ANTIBODIES AND LONG-TERM OUTCOME POST LUNG TRANSPLANTATION
Stijn Verleden1; Bart Vanaudenaerde1; Marie-Paul Emonds1; Dirk Van Raemdonck2; Arne Neyrinck1; Geert Verleden2; Robin Vos2
1KU Leuven, Belgium; 2KU Leuven, Belgium; 3Rode Kruis Vlaanderen, Belgium
08.49  **LOS016**  HYBRID PSEUDOISLETS GENERATED FROM ISLET CELLS AND AMNIOTIC EPITHELIAL CELLS REVERSE DIABETES AFTER MARGINAL MASS TRANSPLANTATION IN A MURINE MODEL  
Fanny Lebreton; Vanessa Lavallard; Mohamed Alibashe Ahmed; Estelle Brioudes; Charlotte Barbieux; Géraldine Parnaud; Lisa Perez; Domenico Bosco; Thierry Berney; Ekaterine Berishvili  
Geneva University Hospitals, Switzerland

08.00 – 09.00  **OS43**  Surgical complications in liver transplantation  
CHAIR(S): Fernando Pardo, Pamplona, Spain; Laura Llado, Barcelona, Spain

08.00  **OS409**  PREVALENCE AND RISK FACTORS OF PORTAL VEIN THROMBOSIS IN PATIENTS WITH LIVER CIRRHOSIS AND ITS IMPACT ON OUTCOMES AFTER LIVER TRANSPLANTATION  
Ahad Esghrghian; Saman Nikeghbalian; Koroush Kazemi; Alireza Shamsaeefar; Seyed Ali Malek-Hosseini  
Shiraz Organ Transplant Centre, Iran

08.07  **OS410**  PROGNOSIS OF BILIARY ATRESIA: FRENCH NATIONAL STUDY 1986-2015  
Martina Fanna; Guillaume Masson; Chantal Buet; Marie Odile Serinet; Christophe Chardot  
French Observatory of Biliary Atresia - Hôpital Necker Enfants Malades & Université Paris Descartes, France

08.14  **OS411**  RISK FACTORS FOR AND LONG-TERM PROGNOSIS OF BILIARY COMPLICATIONS FOLLOWING PEDIATRIC LIVING DONOR LIVER TRANSPLANTATION  
Yukihiro Sanada; Takumi Katano; Yuta Hirata; Nonki Okada; Naoya Yamada; Yoshiyuki Ishara; Taizen Urahashi; Koichi Mizuta  
Department of Transplant Surgery, Jichi Medical University, Japan

08.21  **OS412**  IMMUNOLOGICAL RISK FACTORS RELATIVE TO NON-ANASTOMOTIC BILIARY STRICTURES AFTER LIVER TRANSPLANTATION  
Federico Mochegiani; Daniele Nicolinii; Andrea Benedetti; Cecilia Ridolfii; Nicola Silvestrini; Andrea Benedetti Cacciagueiron; Roberto montalti; Marco Vivarelli  
1Università Politecnica Delle Marche, Italy; 2Hepatobiliary and Transplantation Surgery, Department of Experimental and Clinical Medicine, Polytech, Italy

08.28  **OS413**  THE LONG-TERM OUTCOME OF ADULT ABO-INCOMPATIBLE LIVING DONOR LIVER TRANSPLANTATION  
Masahiro Shinoda; Hideaki Obara; Minoru Kitago; Taizo Hibi; Yuta Abe; Hiroshi Yagi; Kentaro Matsubara; Yohei Yamada; Takamasa Mizota; Taiga Wakabayashi; Ken Hoshino; Tatsuo Kuroda; Yuko Kitagawa  
Surgery, Keio University School of Medicine, Japan

08.35  **OS414**  BRIDGING TO LIVER TRANSPLANTATION: SAVE YOUR ARTERY  
Dimitri Sneiders; Thymen Houwen; Liset H.M. Penge1; Wojciech G. Polak1; Frank J.M.F. Dor1; Hermien Hartog  
1Erasmus Medical Center, The Netherlands; 2Peter Morris Centre for Evidence in Transplantation, University of Oxford, United Kingdom; 3West London Renal and Transplant Centre, Hammersmith Hospital, Imperial College Healthcare NHS Trust, United Kingdom

08.42  **OS415**  LIVER REGENERATION RATE ANALYSIS IN LIVING DONOR LIVER TRANSPLANTATION  
Lilia Martinez de la Maza; Eduardo Delgadito; Javier Muñoz; Amelia Hessheimer; Josep Fuster; Juan Carlos Garcia-Valdecasas; Constantino Fondevila  
Hospital Clinic Barcelona, Spain
ORAL SESSIONS

08.49 OS416
ILEAL POUCH ANAL ANASTOMOSIS IN LIVER TRANSPLANT RECIPIENTS WITH PSC IS NOT ASSOCIATED WITH INCREASED GRAFT COMPLICATIONS
Reena Ravikumar1; Gianluca Rompianesi2; Sophie Jose3; Michael Allison4; Anuja Athale5; Felicity Creamer6; Bridget Gunson7; Vikram Iyer8; Mansoor Madanur9; Derek Manas10; Andrea Monaco11; Darius Mirza12; Nicola Owen13; Keith Roberts14; Gourab Sen15; Parthi Srinivasan16; Stephen Wigmore17; Giuseppe Fusai18; Bimbi Fernando19; Emmanuel Tschochatzis20; Andrew Burroughs21
1Royal Free Hospital, London, United Kingdom; 2Royal Free Hospital, London, United Kingdom; 3Research Department of Infection and Population Health, University College London, United Kingdom; 4Cambridge Transplant Unit, Cambridge University Hospitals, Cambridge, United Kingdom; 5Institute of Liver Studies, Kings College Hospital, London, United Kingdom; 6Department of HPB and Liver Transplant Surgery, Royal Infirmary of Edinburgh, United Kingdom; 7The Liver Unit, University Hospital Birmingham, United Kingdom; 8Institute of Transplantation, Freeman Hospital, Newcastle, United Kingdom

08.00 – 09.00

OS44 Cancer and transplantation

08.00 OS417
POST-TRANSPLANT CANCERS NEGATIVELY AFFECT SURVIVAL OF KIDNEY TRANSPLANT RECIPIENTS: RESULTS FROM THE ITALIAN MULTICENTRIC COHORT STUDY
Pierluca Piselli1; Franco Citterio2; Diego Serraino3
1INMI Lazzaro Spallanzani IRCCS, Rome, Italy; 2Catholic University, Rome, Italy; 3CRO Aviano (PN), Italy

08.07 OS418
USE OF MTOR INHIBITOR SIROLIMUS IN RENAL TRANSPLANTED PATIENTS WITH MALIGNANCIES IN GERMANY
Marcel Naik1; Wolfgang Arns2; Edin Basic3; Klemens Budde4; Fritz Diekmann5; Michael Fischereder6; Jan Goßmann7; Wilfried Gwinner8; Katharina Heller9; Nils Heyne10; Jan-Steffen Jürgensen11; Christian Morath12; Udo Riester13
1Charite University Berlin, Germany; 2Cologne, Germany; 3Pfizer, Germany; 4Charite Berlin, Germany; 5Barcelona, Spain; 6Munich, Germany; 7Frankfurt, Germany; 8Hannover, Germany; 9Erlangen, Germany; 10Tübingen, Germany; 11Heidelberg, Germany

08.14 OS419
COLORECTAL CARCINOMA AFTER RENAL TRANSPLANTATION: SCREENING LOOKS LIKE A VALUABLE OPTION
C.A.J. Oudmaijer1; J. van de Wetering1; J.I. Roodnat1; J.A. Kal-van Gestel1; I. Lansdorp-Vogelaar2; A.J. Hoitsma3; T. Luth4
1Department of Nephrology & Transplantation, Erasmus University Medical Centre Rotterdam, The Netherlands; 2Department of Public Health, Erasmus University Medical Centre Rotterdam, The Netherlands; 3Dutch Organ Transplant Registry, The Netherlands; 4Dutch Cancer Registration, The Netherlands

08.21 OS420
POST-TRANSPLANT LYMPHOPROLIFERATIVE DISEASE IN KIDNEY TRANSPLANT RECIPIENTS: A SINGLE CENTER EXPERIENCE
M-L Cambier1; L. Michaux1; J. Struyven1; E. Goffin1; M. Mourad1; M. De Meyer1; N. Kanaan1
1Division of Nephrology, Cliniques Universitaires Saint-Luc, Université catholique de Louvain, Belgium; 2Division of Hematology, Cliniques Universitaires Saint-Luc, Université catholique de Louvain, Belgium; 3Division of Surgery and Abdominal Transplantation, Cliniques Universitaires Saint-Luc, Université, Belgium
08.28

OS421
ALPHA-FETOPROTEIN PROGRESSION SLOPE AS A DISCRIMINANT FACTOR OF RECURRENCE AFTER LIVER TRANSPLANTATION FOR HEPATOCELLULAR CARCINOMA IN CIRRHOTIC PATIENTS WITHIN MILAN CRITERIA
Franck Nounamo²; Domenico Pinelli²; Arianna Ghirardi²; Claudia Iegri³; Stefania Camagni³; Giulia Magini³; Lisa Licini³; Stefano Fagiuoli³; Michele Colledan¹
¹Surgical Department “Papa Giovanni XXIII” Hospital of Bergamo, Italy; ²FROM, Research Foundation of Bergamo, Italy; ³Gastroenterology and Transplant Hepatology “Papa Giovanni XXIII” Hospital of Bergamo, Italy; ⁴Pathological Anatomy “Papa Giovanni XXIII” Hospital of Bergamo, Italy

08.35

OS422
CYTOREDUCTION AND MODIFIED MULTIVISCERAL TRANSPLANTATION FOR PATIENTS WITH END-STAGE MYXOMA PERITONEI
Srikanth Reddy¹; Georgios Vrakas¹; Thomas Cecil²; Philip Alain¹; Henk Giele¹; Faheez Mohamed³; Brendan Moran³; Peter Friend³
¹Oxford University Hospitals, United Kingdom; ²Hampshire Hospitals NHS, Basingstoke Hospital, United Kingdom

08.42

OS423
HEART TRANSPLANTATION FOLLOWING MALIGNANCY
Olivier Van Caenegem¹; Michel De Pauw²; Anne Vorlat³; Ana Roussoulières⁴; Arnaud Ancion⁵; Sofie Verstreken⁶; Johan Van Cleempt⁷
¹Cliniques Universitaires Saint-Luc, Belgium; ²UZ Gent, Belgium; ³UZ Antwerpen, Belgium; ⁴Hôpital Erasme, Belgium; ⁵CHU de Liège, Belgium; ⁶OLV Aalst, Belgium; ⁷UZ Leuven, Belgium

08.49

OS424
IDENTIFICATION OF KIDNEY TRANSPLANT PATIENTS AT RISK FOR SKIN CANCER BY DIFFERENTIALLY METHYLATED REGIONS IN T CELLS
Fleur Peters; Annemiek Peeters; Pooja Mandaviya; Jacqueline van de Wetering; Michiel Betjes; Carla Baan; Karin Boer
Erasmus MC, The Netherlands

08.00 – 09.00

OS45
Immunosuppression: challenges and refinements
CHAIR(S): Ondrej Viklicky, Prague, Czech Republic; Magdalena Durlik, Poland

08.00

OS425
VALIDATION OF TOOLS FOR ANNUAL ADHERENCE EVALUATION OF KIDNEY TRANSPLANT RECIPIENTS
Marte Theie Gustavsen; Kjersti Lønning; Karsten Midtvedt; Anna V. Reisæter; Anders Åsberg
Oslo University Hospital Rikshospitalet Department of Transplantation Medicine, Norway

08.14

OS427
TRANSPLANT PREGNANCY REGISTRY INTERNATIONAL: FATHERED PREGNANCY OUTCOMES WITH EXPOSURE TO MYCOPHENOLIC ACID PRODUCTS
Michael Moritz; Lisa Coscia; Dawn Armenti; Serban Constantinescu
Gift of Life Institute, Transplant Pregnancy Registry International, United States

08.21

OS428
TRANSPLANT PREGNANCY REGISTRY INTERNATIONAL: PREGNANCY OUTCOMES WITH EXPOSURE TO MTOR INHIBITORS
Lisa Coscia; Dawn Armenti; Serban Constantinescu; Michael Moritz
Gift of Life Institute, Transplant Pregnancy Registry International, United States

08.28

OS429
EXPOSURE TO MYCOPHENOLATE AND FATHERHOOD - IS THERE A RISK?
Anders Åsberg¹; Anna Varberg Reisæter¹; Stein Bergan¹; Bjørn Egil Vikse¹; Karsten Midtvedt¹
¹Oslo University Hospital Rikshospitalet Department of Transplantation Medicine, Rikshospitalet, Oslo, Norway; ²Department of Pharmacology, Oslo University Hospital, Oslo, Norway; ³Department of Clinical Medicine, University of Bergen, Bergen, Norway
**OS430**
COMPARISON OF LOW DOSE AND VERY LOW DOSE EXTENDED-RELEASE TACROLIMUS / MMF IN DE NOVO KIDNEY TRANSPLANT RECIPIENTS
SHUNJI NARUMI; Yoshihiko Watarai; Manabu Okada; Kenta Futamura; Makoto Tsujita; TakaHisa Hirakitsu; Norihiko Goto; Takaaki Kobayashi
1Nagoya Daini Red Cross Hospital, Japan; 2Aichi Medical University School of Medicine, Japan

**OS431**
EVEROLIMUS SUPPRESSES IGA DEPOSITION AND RECURRENCE OF IGA NEPHROPATHY AFTER KIDNEY TRANSPLANTATION
Yoshiki Wada; Nobuyuki Fukuzawa; Hiroshi Harada
Sapporo City General Hospital, Japan

**OS432**
SUCCESSFUL LIVE DONOR UTERUS TRANSPLANTATION: IMMunosuppressive treatment, rejections and outcome
Jana Ekberg; Niclas Kvarnström; Marcus Gäbel; Liza Johannesson; Pernilla Dahm-Kähler; Mats Brännström; Johan Mölne
1Transplant Institute, Sahlgrenska Academy, University of Gothenburg, Sweden; 2Department of Obstetrics and Gynecology, Sahlgrenska Academy, University of Gothenburg, Sweden; 3Department of Pathology and Genetics. Sahlgrenska Academy, University of Gothenburg, Sweden

**OS433**
CONTROLLED DONATION AFTER CIRCULATORY DEATH (DCD) LUNG DONORS: A PROVEN SOURCE THAT SIGNIFICANTLY INCREASES LUNG TRANSPLANT NUMBERS WITH QUALITY 10-YEAR OUTCOMES
Bronwyn Levvey; Trevor Williams; Glen Westall; Helen Whitford; Miranda Paraskeva; Kovi Levin; Jamie Hobson; Aimee Henriksen; David McGiffin; Greg Snell
1Lung Transplant Service, The Alfred Hospital, Australia; 2Lung Transplant Service, The Alfred Hospital, Australia; 3Transplant Services, The Alfred, Australia; 4Cardiothoracic Services, The Alfred Hospital, Australia

**OS434**
INFLUENCE OF LUNG DONOR MANAGEMENT ON LUNG PROCUREMENT: A NATIONWIDE COHORT STUDY
Louise Durand; Christelle Cantrelle; Camille Legeai; Gaëlle Cheisson; Luc Saint Marcel; Carole Genty; Isabelle Pipien; Evelyne Bironneau; Oliver Bastien; Richard Dorent
1Agence de la biomédecine, France; 2Centre hospitalier du Kremlin-Bicêtre, France; 3Centre Hospitalier Annecy Genevois, France; 4Centre hospitalier de Lens, France

**OS435**
NORMOTHERMIC DONOR LUNG PRESERVATION WITH PORTABLE EVLP SIGNIFICANTLY REDUCES ISCHEMIA/REPERFUSION INJURY IN LUNG RECIPIENTS BY PROMOTING CYTOKINE ANTAGONISTS
Bettina Wiegmann; Christine Neudörl; Ramon Bellmas Sanz; Igor Tudorache; Ann-Kathrin Knöfel; Christian Kühn; Jawad Salman; Murat Avsar; Axel Haverich; Gregor Warnecke; Christine S. Falk
1Dept. Cardiothoracic Transplantation and Vascular Surgery, MHH, Germany; 2Institute of Transplant Immunology, MHH, Germany

**OS436**
COMPARISON OF OUTCOMES OF LUNG TRANSPLANTATION (LTX) WITH ELECTIVE CARDIO-PULMONARY BYPASS (CPB) VERSUS OFF PUMP TECHNIQUE
Prashant Mohite; Bartłomiej Zych; Diana García Saez; Mubasser Husain; Anand Jothidasan; Anna Reed; Martin Carby; Fabio DeRobertis; Andre Simon
Royal Brompton and Harefield NHS Foundation Trust, United Kingdom
08.28

**OS437**

**TRANSPLANT OUTCOMES IN RECIPIENTS OF ORGANS FROM DONORS THAT DIED FROM PRIMARY HYPOXIA: THE UK EXPERIENCE**

Patrick Trotter¹; Matthew Robb²; Dominic Summers¹; Christopher Watson¹; James Neuberger³; J Andrew Bradley⁴

¹University of Cambridge, United Kingdom; ²NHS Blood and Transplant, United Kingdom; ³Queen Elizabeth Hospital, Birmingham, United Kingdom

08.35

**OS438**

**IMPACT OF CANDIDATE AND CENTER-SPECIFIC FACTORS ON GEOGRAPHIC INEQUITIES IN ACCESS TO HEART TRANSPLANTATION: A NATIONWIDE STUDY**

Christelle Cantrelle¹; Emilie Savoye³; Camille Legeai³; Philippe Tupper³; Guillaume Lebret³; Richard Dorent³; Olivier Bastien³

¹Agence de la Biomedecine, France; ³Caisse Nationale d’Assurance Maladie des Travailleurs Salariés, Paris, France; ³Assistance Publique Hôpitaux de Paris, Service de chirurgie cardio-vasculaire, Hôpital de la Pitié S, France

08.42

**OS439**

**THE BENEFICIAL EFFECT OF PREDNISOLONE TREATMENT OF LUNGS FROM BRAIN-DEAD DONOR RATS ON AN EX VIVO LUNG PERFUSION (EVLP) PLATFORM**

Judith van Zanden¹; Henri Leuvenink¹; Erik Verschuuren¹; Dianne de Jong¹; Susanne Veldhuis¹; Petra Ottens¹; Michiel Erasmus¹; Maximilla Hottenrott²

¹University Medical Center Groningen, The Netherlands; ²University Medical Center Regensburg, Germany

08.49

**OS440**

**EFFECTS OF HYPERTONIC SALINE SOLUTION ON CARDIAC AND PULMONARY CHANGES AFTER BRAIN DEATH: AN EXPERIMENTAL STUDY**

Cristiano Correia¹; Daniel M. Maggalhães¹; Fernando Zanoni¹; Rafael Simas¹; Rafaela Garcia Ferreira Soares¹; Raphael S. Coutinho e Silva¹; Ana Cristina Breithaupt-Faloppa²; Paulina Sannomiya¹; Luiz Felipe Moreira¹

¹Instituto do Coração, Hospital das Clinicas, Faculdade de Medicina, Universidade de São Paulo, Brazil; ²Hospital das Clinicas, Faculdade de Medicina, Universidade de São Paulo, Brazil

08.00 – 09.00

**OS47** **Pediatric transplantation**

**Room 124**

Chair(s): Paolo Muiesan, Birmingham, United Kingdom; Silvio Nadalin, Germany

08.00

**OS441**

**MEDICATION NON-ADHERENCE IS A LEADING CAUSE FOR RENAL GRAFT LOSS IN CHILDHOOD - A LARGE CENTRE STUDY**

Nabil Melhem¹; Nadeesha Mudalige¹; Stacie Bowden¹; Grainne Walsh¹; Helen Jones¹; Nicos Kessaris¹; Nizam Mamode¹; Jelena Stojanovic¹

¹Evelina London Children’s Hospital, United Kingdom; ²Guys & St Thomas NHS Foundation Trust, United Kingdom

08.07

**OS442**

**10 YEAR EXPERIENCE OF 420 PAEDIATRIC KIDNEY TRANSPLANTS ACCORDING TO DONOR TYPE AND HLA MISMATCH**

Pankaj Chandak¹; Faisal Jamshaid¹; Jelena Stojanovic¹; Nizam Mamode¹; Francis Calder¹; Jonathon Olsburgh¹; Chris Callaghan¹; Martin Drage¹; Raphael Uwechue¹; Peter Gogalniceanu¹; Olivia Shaw¹; Geoff Koffman¹; Stephen D Marks¹; Nicos Kessaris¹

¹Guy’s and St Thomas’ and Great Ormond Street Hospitals NHS Trust, United Kingdom; ²Kings College London, United Kingdom; ³Evelina Childrens’ Hospital, United Kingdom; ⁴Guy’s and St Thomas’ and Great Ormond Street Hospitals NHS Trust, United Kingdom; ⁵Great Ormond Street Hospitals, United Kingdom
OS443
DONOR/RECIPIENT WEIGHT RATE IN PEDIATRIC KIDNEY TRANSPLANTATION:
BIGGER IS BETTER?
Federica De Corti; Elisa Benetti; Patrizia Dal’Igna; Luisa Murer; Marco Castagnetti; Piergiorgio Gamba
1Pediatric Surgery - University Hospital of Padova, Italy; 2Pediatric Nephrology - University Hospital of Padova, Italy; 3Pediatric Urology - University Hospital of Padova, Italy

OS444
CLINICAL USE OF 3D PRINTING IN COMPLEX PEDIATRIC RENAL TRANSPLANTATION -
A PHASE 2A STUDY OF THE IDEAL FRAMEWORK
Pankaj Chandak; Nick Byrne; Narayan Karunanithy; Jelena Stojanovic; Stephen D Marks; Raphael Uwechue; Peter Gogalniceanu; Nicos Kessaris; Nizam Mamode
1Guy’s and St Thomas’ and Great Ormond Street Hospitals NHS Trust, United Kingdom; 2King’s College London; Medical Physics, Guy’s and St. Thomas’ NHS Foundation Trust; United Kingdom; 3King’s College London; Great Ormond Street, United Kingdom; 4Great Ormond Street, United Kingdom;
5Guy’s and St Thomas, United Kingdom; 6Guy’s and St Thomas’ and Great Ormond Street Hospitals NHS Trust, United Kingdom; 7Guy’s and St Thomas and Great Ormond Street Hospitals, United Kingdom

OS445
PRE-EMPTIVE RENAL TRANSPLANTATION VERSUS TRANSPLANTATION AFTER A PERIOD ON
DIALYSIS IN PAEDIATRICS: A META-ANALYSIS OF OUTCOMES
Samuel Turner; Liset Pengel; Wichor Bramer; Jelena Stojanovic; Jeff Lafranca; Frank Dor
1Imperial College NHS/Hammersmith Hospital/Renal Transplant, United Kingdom; 2Centre for Evidence in Transplantation, United Kingdom; 3Erasmus MC, University Medical Center, Rotterdam, The Netherlands; 4Great Ormond Street Hospital for Children, London, United Kingdom; 5Erasmus Medical Center, Rotterdam, The Netherlands; 6Imperial College Healthcare NHS Trust, London, United Kingdom

OS446
LIVING DONOR LIVER TRANSPLANTATION DURING THE FIRST THREE MONTHS OF LIFE:
CARVING THE LIVER FOR SMALL BABIES
Mureo Kasahara; Seisuke Sakamoto; Akinari Fukuda; Kengo Sasaki; Soichi Narumoto
1National Center for Child Health and Development, Japan; 2National Center for Child Health and Development, Japan

OS447
WHOLE DECEASED DONOR LIVER TRANSPLANTATION IN PEDIATRIC RECIPIENTS LESS
THAN 10 KG: RETROSPECTIVE ANALYSIS OF OUTCOME AND SURGICAL COMPLICATIONS
Ivan Capobianco; Maren Peters; Arnold Radtke; Ekkehard Sturm; Steffen Hartleif; Alfred Königsrainer; Silvio Nadalin
University Hospital Tübingen, Germany

OS448
ANALYSIS OF PROGNOSTIC FACTORS OF PEDIATRIC LIVING DONOR LIVER
TRANSPLANTATION: A SINGLE CENTER EXPERIENCE OF MORTALITY ZERO
TRANSPLANTATION FOR CHOLESTATIC DISEASE
Takahito Yagi; Kosei Takagi; Yuzo Umeda; Ryuichi Yoshida; Daisuke Nobuoka; Takashi Kuse; Kenjiro Kumano; Mari Yoshida; Toshiyoshi Fujiiwara
1Hepato-Biliary and Pancreatic Surgery, Okayama University Hospital, Japan; 2Transplantation Center, Okayama University Hospital, Japan; 3Department of Gastroenterological Surgery, Okayama University Graduate School of Medicine, Dentistry, Japan
08.00 – 09.00 Brief oral sessions

08.00 – 09.00 **BOS43 Strategies to improve kidney preservation**

**Chair(s):** Salvador Gil-Vernet, Barcelona, Spain

**Room 125**

**BOS596**

COLD ISCHAEMIC KRUPPEL-LIKE FACTOR 2 DECAY IS REVERSED BY HYPOTHERMIC MACHINE PERFUSION IN A NOVEL MODEL OF HUMAN RENAL ALLOGRAFT PRESERVATION

William Ries1; Charlotte Turnbull2; Kamlesh Patel2; Jay Nath2; Thomas Smith3; Christopher Bagnall4; Christian Ludwig4; Desley Neil2; Nick Inston2

1University of Birmingham, United Kingdom; 2Queen Elizabeth Hospital, Birmingham, United Kingdom; 3Institute of Metabolism and Systems Research, University of Birmingham, United Kingdom; 4Human Biomaterials Resource Centre, University of Birmingham, United Kingdom

08.00

**BOS583**

TARGETING RENAL ISCHAEMIA-REPERFUSION INJURY USING HAEMOADSORPTION OF CIRCULATING INFLAMMATORY MEDIATORS IN A PORCINE EXPERIMENTAL MODEL

Sarah Hosgood; Thomas Moore; Thomas Adams; Michael Nicholson

University of Cambridge, United Kingdom

08.04

**BOS584**

DETECTION OF INFUSED FLUORESCENT PRE-LABELED MESenchymAL STEM CELLS AFTER SIX HOURS NORMOTHERMIC MACHINE PERFUSION OF ISCHEMICALLY DAMAGED PORCINE KIDNEYS

Tim Eertman1; Jesus Sierra Parraga2; Marieke Roemeling-van Rhijn1; Marlies Reinders1; Martin Hoogduijn1; Bente Jepsersen4; Marco Eijken1; Rutger Ploeg1; Henri Leuvenink1; Cyril Moers1

1University Medical Center Groningen, University of Groningen, The Netherlands; 2Erasmus Medical Center, The Netherlands; 3Leiden University Medical Center, The Netherlands; 4Aarhus University Medical Center, Denmark; 5Oxford Transplant Centre, University of Oxford, United Kingdom

08.08

**BOS585**

RENAL IL-33 INDUCES INKT CELL/NEUTROPHIL INFILTRATION AND EXACERBATES KIDNEY ISCHEMIA-REPERFUSION-INDUCED INJURY

Maroua Ferhat1; Aurélie Robin1; Sébastien Giraud1; Jean-Michel Goujon1; Guy Touchard2; Hauet Thierry1; Jean-Marc Gombert1; Antoine Thierry2; André Herbelin1

1INSERM U1082, Poitiers, France; 2Department of Nephrology and Transplantation, CHU of Poitiers, France

08.12

**BOS586**

STAT1 PREVENTS RENAL FIBROSIS VIA REGULATION OF MACROPHAGE NUMBER UPON RENAL ISCHEMIC INJURY

Stephan Kemmner1; Quirin Bachmann1; Georg Lorenz1; Orestes Foresto Neto2; Marcus Baumann1; Uwe Heemann1; Maciej Lech1; Christoph Schmaderer1

1Technische Universität München/ Klinikum rechts der Isar, Germany; 2Medizinische Klinik und Poliklinik IV, Klinikum der Ludwig Maximilians Universität München, Munich, Germany

08.16

**BOS587**

NAFAMOSTAT MESILATE AMELIORATES ISCHEMIA-REPERFUSION RENAL INJURY VIA ANTI-APOPTOTIC MECHANISM

Chang Hun Song1; Jin Young Jeong2; Dae Eun Choi1; Ki-Ryang Na1; Kang Wook Lee1; Yoon-Kyung Chang1

1Nephrology/Chungnam National University, Republic of Korea; 2Department of Medical Science/Chungnam National University, Republic of Korea; 3Nephrology/Catholic University of Korea, Republic of Korea
BOS588
DAPAGLIFLOZIN ATTENUATES ISCHEMIA REPERFUSION RENAL INJURY VIA HIF1 ACTIVATION
Yoon-Kyung Chang¹; Dae Eun Choi²; Chang Hun Song¹; Hyunsu Choi¹; Ki-Ryang Na²; Kang Wook Lee²
¹Nephrology/Catholic University of Korea, Republic of Korea; ²Nephrology/Chungnam National University, Republic of Korea; ³Nephrology/Chungnam National University, Republic of Korea; ⁴Clinical Research Institute/Daejeon Saint Mary Hospital, Republic of Korea

BOS589
PERIOSTIN INDUCES KIDNEY FIBROSIS AFTER ACUTE KIDNEY INJURY VIA THE P38 MAPK PATHWAY
Jung Pyo Lee
Seoul National University, Republic of Korea

BOS590
STEM CELL MEDIATED RENAL ALLOGRAFT REGENERATION
Lauren Brasile¹; Nicholas Henry¹; Bart Stubenitsky²
¹Breonics Inc, United States; ²St. Antonius Hospital, The Netherlands

BOS591
THE MTOR SIGNAL REGULATES MYELOID DERIVED SUPPRESSOR CELLS DIFFERENTIATION AND IMMUNOSUPPRESSIVE FUNCTION IN ACUTE KIDNEY INJURY
Cheng Yang; Chao Zhang; Tongyu Zhu; Ruiming Rong
Zhongshan Hospital, Fudan University, China

BOS592
SHORT, COOL AND WELL OXYGENATED - HOPE FOR KIDNEY TRANSPLANTATION IN A RODENT MODEL
Philipp Kron; Andrea Schlegel; Olivier De Rougemont; Christian Oberkofler; Pierre- Alain Clavien; Philipp Dutkowski
University Hospital Zurich, Switzerland

BOS593
IMPROVEMENT OF GRAFT FUNCTION DURING NORMOTHERMIC EX Vivo PERFUSED KIDNEY PRESERVATION IN DONATION AFTER CIRCULATORY DEATH GRAFTS
Matyas Hamar¹; Peter Urbanelis²; Ivan Linares³; Dagmar Kollmann¹; Sujani Ganesh¹; Moritz Kath⁴; Paul Yip⁴; John Rohan⁴; Istvan Mucsi⁴; Anand Ghanekar¹; Darius Bagli⁵; David Grant¹; Ana Konvalinka⁶; Lisa Robinson⁷; Markus Selzner¹
¹Toronto General Hospital/UHN/SickKids, Canada; ²TGH Multi Organ Transplant, Canada; ³Multi Organ Transplant Program, Department of Surgery, Toronto General Hospital, University Health N, Canada; ⁴Laboratory Medicine and Pathobiology, Toronto General Hospital, University of Toronto, Canada; ⁵Departments of Surgery (Urology) & Physiology, The Hospital for Sick Children, Canada; ⁶Toronto General Hospital Research Institute (TGHRI), Canada; ⁷Division of Nephrology, The Hospital for Sick Children, Canada

BOS594
12 YEARS EXPERIENCE USING COMBINED KIDNEY BIOPSY SCORE AND HYPOTHERMIC PULSATILE PERFUSION MACHINE TO ASSES RENAL SUITABILITY IN EXTENDED CRITERIA DONORS AFTER BRAIN DEATH
David Paredes-Zapata¹; Camino Rodriguez-Villar²; Rosana Gelpi²; Angel Ruiz²; Rebeca Roque²; Sergio Hernandez²; Lluis Peri³; Ramon Adalia³; Frederic Oppenheimer³
¹Donor and Transplant Coordination Section Hospital Clinic Barcelona, Spain; ²Donor and Transplant Coordination Section. Hospital Clinic Barcelona., Spain; ³Master in Organ and Tissue Donation UB, Spain; ⁴Urology Department, Hospital Clinic Barcelona, Spain; ⁵Nephrology and Urology Institute, Hospital Clinic Barcelona, Spain
08.48  BOS595  PULSATIL RENAL PRESERVATION MACHINE: DEFINING THE PREDICTIVE RENAL RESISTANCE CUT-OFF VALUE FOR GRAFT FUNCTION IN OLDER UNCONTROLLED DONATION AFTER CIRCULATORY DEATH DONORS
Rosana Gelpi; Camino Rodriguez-Villar; David Paredes; Rebeca Roque; Angel Ruiz; Ramón Adalia; Fritz Diekmann
Hospital Clinic Barcelona, Spain

08.00 – 09.00  Room 127  Kidney - general. Outcomes and lifestyle issues

08.00  BOS597  A COMPARISON OF QUALITY OF LIFE OUTCOMES IN HAEMODIALYSIS PATIENTS, DECEASED DONOR AND LIVING DONOR KIDNEY TRANSPLANT RECIPIENTS
Chalini Lankage; Hannah-May Elmasry; Hannah Maple; Mohammed Salik Sait; Nizam Mamode; Nicos Kessaris
Guy’s and St Thomas’s NHS Foundation Trust, United Kingdom

08.04  BOS598  PATIENT ATTITUDES TOWARD MOBILE PHONE-BASED HEALTH MONITORING IN KIDNEY TRANSPLANTATION
Gustavo Ferreira1; Kamille Vidon Bastos2; Glaucio Da Silva Souza1; Marcio de Souza1; Vinicius Sardão Coletas1
1Santa Casa De Juiz De Fora, Brazil; 2Centro de Tratamento de Doenças Renais, Brazil

08.08  BOS599  EFFECTS OF VIDEO-ASSISTANT HEALTH EDUCATION ON KIDNEY TRANSPLANT RECIPIENTS: A QUASI-EXPERIMENTAL STUDY
Jia Liu; Guoli Yang; Jian Long
The Third Xiangya Hospital Central South University, China

08.12  BOS600  A WEB-BASED REFERRAL EXCHANGE PLATFORM: BRIDGING THE COMMUNICATION GAP BETWEEN TRANSPLANT CENTERS AND DIALYSIS FACILITIES
Laura McPherson1; Rich Mutell2; Paul Broughton2; Dave Aisthorpe2; Stephen Pastan1; Rachel Patzer1
1Emory University, United States; 2Apex Health Innovations, United States

08.16  BOS601  EVALUATION OF OUTCOMES AND COMPLICATIONS OF KIDNEY TRANSPLANTATION IN PATIENTS WITH ANCA GLOMERULONEPHRITIS AS PRIMARY DISEASE
Sophia Lionaki1; Konstantinos Panagiotellis1; Nikolaos Altanis1; Ilias Makropoulos1; Apostolos Pappas1; Alice Iniotaki1; George Zavvos3; John Boletis1
1Department of Nephrology & Transplantation Unit, Laiko Hospital, National & Kapodistrian University, Greece; 2Department of Histocompatibility, Gennimatas Hospital, Greece; 3Transplantation Unit, Laiko Hospital, Greece

08.20  BOS602  ANNUAL DATA FOR KIDNEY TRANSPLANT SERVICES IN KUWAIT IN 2016
Yahya Makkeyah; Torki AlOtaibi; Prasad Nair; Tarek Said; Medhat Halim; Ossama Gheith; Mohamed Bálaña
Hamed Al-Essa Organ Transplant Center / Ibn Sina Hospital, Kuwait

08.24  BOS603  IMPACT OF HEMODIALYSIS AND RENAL TRANSPLANTATION ON ERECTILE FUNCTION IN CHRONIC HCV PATIENTS WITH ESRD
Amin Soliman; Sahier Khashab
Cairo University, Egypt
08.28
**BOS604**
THE REASONS FOR PATIENTS’ PREFERENCE AMONG RENAL TRANSPLANT PATIENTS
Durdane Erturk¹; Saima Paydas²; Mustafa Balal³; Yasar Sertdemir⁴; Tolga Akcam⁵
¹Department of Organ transplantation, Turkey; ²Department of nephrology, Turkey;
³Department of Nephrology, Turkey; ⁴Department of Biostatistics, Turkey; ⁵Department of Organ Transplantation, Turkey

08.32
**BOS605**
ABO-INCOMPATIBLE (ABOI) LIVING DONOR WITH KIDNEY TRANSPLANTATION: STUDY OF 38 PATIENTS
Constantino Fernandez Rivera¹; Maria Calvo Rodriguez²; Pablo Otero Alonso¹;
Andres Lopez Muñiz³; Tamara Ferreiro Hermida³; Angel Alonso Hernandez³
¹Hospital Universitario A Coruña, Spain; ²Hospital Universitario A Coruña, Spain; ³Hospital Universitario A Coruña, Spain

08.36
**BOS606**
OUR STRATEGY TO PROMOTE A MEDICAL SYSTEM FOR RENAL TRANSPLANTATION IN REMOTE ISLANDS AND RURAL AREAS IN NEAR FUTURE: EXPERIENCE IN OUR CENTER
Hajime Hirano; Tomohisa Matsunaga; Ryoichi Maenosono; Hiroshi Uehara; Hayahito Nomi;
Atsusi Ichihashi; Daisuke Kobayashi; Suyumi Taniguchi; Takeshi Tsutsumi; Takuya Tsujino;
Kenzichi Saito; Naokazu Ibuki; Teruo Inamoto; Haruhito Azuma
Osaka Medical College, Japan

08.40
**BOS607**
MEDIUM-TERM OUTCOMES OF ABO-INCOMPATIBLE LIVING KIDNEY TRANSPLANTATION: SINGLE CENTER EXPERIENCE
Hiroki Shirakawa¹; Jumpei Hasegawa¹; Hitotoshi Ishigouoka¹; Ayumi Ishiwatari¹; Momoko Kono¹;
Hina Ogawa¹; Sachiko Wakai¹; Kazunari Tanabe²
¹Ohkubo Hospital, Japan; ²Tokyo Women’s Medical University, Japan

08.44
**BOS608**
QUALITY OF LIFE IN SUDANESE RENAL TRANSPLANT PATIENTS: WHO IS BENEFITING?
Ahmed Osman Hassan Noureldin¹; Ihab Abdelrahim Mohamed Ahmed²
¹University of Medical Sciences and Technology, Sudan; ²Sharg Elneel Hospital, Sudan

08.48
**BOS609**
THE LONG-TERM OUTCOME OF RENAL TRANSPLANTATION IN PATIENTS WITH LUPUS NEPHRITIS AMONG EGYPTIAN POPULATION: SINGLE CENTER EXPERIENCE
Mohamed Zahab¹; Mohamed Fouda²; Yasser Hendi³; Amir Elokely⁴; Ayman Refaie⁵;
Ayman Nagieb⁵; Mona Abd-Elrahim²
¹Urology and Nephrology Center, Mansoura University, Egypt; ²Urology and Nephrology Center, Mansoura University, Egypt; ³Zagazig University, Egypt

08.52
**BOS610**
PREGNANCY AFTER RENAL TRANSPLANTATION: A MULTI-CENTER EXPERIENCE
Toyofumi Abe¹; Shigeaki Nakazawa¹; Yoichi Kakuta¹; Ryoichi Imamura¹; Naotsugu Ichimaru²;
Kazuaki Yamanaka²; Hidefumi Kishikawa²; Kenji Nishimura²; Koichi Tsutahara²; Seiji Yamaguchi²;
Yukito Kokado³; Shiro Takahara³; Norio Nonomura³
¹Department of Urology, Osaka University Graduate School of Medicine, Japan; ²Advanced Technology for Transplantation, Osaka University Graduate School of Medicine, Japan;
³Department of Urology, Hyogo Prefectural Nishinomiya Hospital, Japan; ⁴Department of Urology, Osaka General Medical Center Hospital, Japan; ⁵Takahashi Clinic, Japan
08.00 - 09.00  **BOS45** Metabolic and other complications after kidney transplantation (2)

**Chair(s):** Manuel Pascual, Lausanne, Switzerland

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08.00  **BOS611**

The associations between sodium intake and kidney damage with echocardiographic parameters in renal transplant recipients

Emre Tutar¹; Bahar Gurlek Demirci²; Siren Sezer³; Salih Uyanık³; Ozlem Ozdemir⁴; Turan Colak¹; Mehmet Haberal⁶

¹Baskent University Faculty of Medicine, Department of Nephrology, Turkey; ²Ankara Ataturk Education and Research Hospital, Turkey; ³Baskent University Faculty of Medicine, Department of Internal Medicine, Turkey; ⁴Ordun University Faculty of Medicine, Department of Internal Medicine, Turkey; ⁵Baskent University Faculty of Medicine, Department of General Surgery, Turkey

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08.04  **BOS612**

The trend in weight gain after kidney transplantation in pre-transplant non-obese patients

Ekamol Tantisattamo¹; Haritha Mopuru²

¹Oakland University William Beaumont School of Medicine, United States; ²Multi-Organ Transplant Center, William Beaumont Hospital, United States

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08.08  **BOS613**

Post transplant diabetes mellitus (PTDM) in Kuwait

Tarek Mahmoud; Jude Yagan; Osama Gheith; Yahya Makeya; Ahmad Fathi; Medhat Abdel Halim; Prasad Nair; Mohammad Balaha; Khaled Abdel-Tawab; Torki Al-Otaibi

Hamed Al Essa Organ Transplant Center, Kuwait

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08.12  **BOS614**

Cholesterol as an independent predictor of outcome after renal transplantation

Ariana Strakosha¹; Nevi Pasko²; Vilma Cadri³; Fjona Nasto³; Arjeta Dedej³

¹UHC “Mother Tereza”, Albania; ²UHC “Mother Tereza”, Albania; ³American Hospital, Albania

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08.16  **BOS615**

Metabolic complications in HIV-infected kidney transplant recipients

Oana Ailioaei¹; Nadia Arzouk²; Jerome Tourret²; Benoit Barrou²

¹Hospital Pitie Salpetriere, France; ²Pitie-Salpetriere Hospital, France

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08.20  **BOS616**

Incidence of diabetes mellitus after kidney transplantation in Slovakia - multicentric prospective analysis

Ivana Dedinska¹; Juraj Miklusica¹; Ludovit Laca¹; Lea Kováčiková³; Luboslav Beňa²; Tatiana Baltesová²; Zuzana Zilinská²; Martin Chrastina³; Martin Chrastina³; Miroslava Sersenová³; Eva Lacková³; Marcel Cellár³; Peter Galajda³; Marián Mokáň¹

¹University Hospital Martin, Slovakia; ²University Hospital in Kosice, Slovakia; ³University Hospital in Kosice, Slovakia; ⁴Univerzity hospital in Bratislava, Slovakia; ⁵Faculty Hospital in Banska Bystrica, Slovakia

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08.24  **BOS617**

Hyperammonemia due to late onset of urea cycle disorder after kidney transplant causing severe brain edema and death: A case report

Mohamad Noureddin Almarastan¹; Ziad Arab²; Salem Alqurashi²; Samy Kashkoush¹

¹King Abdulaziz Medical City, Saudi Arabia; ²King Abdulaziz Medical City, Saudi Arabia

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08.28  **BOS618**

Prevalence of diabetes mellitus among kidney transplant recipients in Kuwait: Data of 2015

Jude Yagan¹; Tarek Mahmoud Said²; Osama Geith³; Yahya Makeyah⁴; Khaled Abdel Tawab³; Torki Al Otaibi³

¹Organ Transplant Centre Kuwait, Kuwait; ²Hamed Al-Essa Organ Transplant Center, Kuwait, Kuwait; ³Organ Transplant Centre, Kuwait; ⁴Hamed Al-Essa Organ Transplant Center, Ibn Sina Hospital, Kuwait
08.32
**BOS619**
**HYPERURICEMIA FOLLOWING RENAL TRANSPLANTATION: A 3-YEAR CLINICAL RESULTS**
Inese Folkmane1; Elizabete Folkmane2; Jānis Jusinskis3; Daina Andersone4
1Faculty of Medicine University of Latvia, Latvia; 2Hümling Hospital Sögel, Sögel, Germany; 3Faculty of Medicine, Riga Stradiņs University, P. Stradins University Hospital, Latvia; 4Faculty of Medicine, University of Latvia, P. Stradins University Hospital, Latvia

08.36
**BOS620**
**INCIDENCE OF AVASCULAR NECROSIS AFTER KIDNEY TRANSPLANTATION DECREASES IN THE MODERN ERA OF IMMUNOSUPPRESSION**
Natalie Otto; Thomas Schachtner; Petra Reinke
Charité University Berlin - Virchow Clinic, Germany

08.40
**BOS621**
**INFLAMMATORY AND RELATED BIOMARKERS ARE ASSOCIATED WITH POST-TRANSPLANT DIABETES MELLITUS IN KIDNEY RECIPIENTS**
Torbjorn Fossum Heldal1; Thor Ueland2; Trond Jenssen3; Anders Hartmann4; Anna Varberg Reisæter5; Pål Aukrust6; Annika Michelsen7; Anders Åsberg8
1Oslo University Hospital Rikshospitalet Department of Transplantation Medicine Section of Nephrology, Norway; 2Oslo University Hospital/Rikshospitalet/Research Institute of Internal Medicine Research, Norway; 3Oslo University Hospital/Rikshospitalet/Department of Transplantation, Section of Nephrology, Norway; 4Oslo University Hospital/Rikshospitalet/Section of Clinical Immunology and Infectious Diseases, Norway; 5Oslo University Hospital/Rikshospital/Research Institute of Internal Medicine Research, Norway

08.44
**BOS622**
**PLASMA TRANS FATTY ACID (TFA) LEVEL- PATIENT AND GRAFT SURVIVAL**
Anupam Chandra1; My Svensson1; Trond Jenssen2; Anders Åsberg3; Anders Hartmann4; Joe Chan1; Kristian S. Bjerve4; Jeppe H. Christensen5; Erik B. Schmidt6; Ivar A. Eide7
1Department of Renal Medicine, Akershus University Hospital, Lorenskog, Norway; 2Department of Transplant Medicine, Section of Nephrology, Oslo University Hospital, Rikshospitalet, Norway; 3Department of Pharmaceutical Biosciences, University of Oslo, Norway; 4Department of Laboratory Medicine, Children’s and Women’s Health, Norwegian University of Science and Technology, Norway; 5Department of Nephrology, Aalborg University Hospital, Aalborg, Denmark; 6Department of Cardiology, Aalborg University Hospital, Aalborg, Denmark

08.48
**BOS624**
**SURGICAL OR MEDICAL TREATMENT FOR TERTIARY HYPERPARATHYROIDISM: A SYSTEMATIC REVIEW**
Roderick Dulfer; Gaston Franssen; Dennis Hesselink; Ewout Hoorn; Casper van Eijck; Tessa van Ginthoven
Erasmus MC, The Netherlands

08.52
**BOS625**
**RECIPIENT RS1045642 POLYMORPHISM (ABCB1) IS ASSOCIATED WITH OFFICE BLOOD PRESSURE AT ONE-YEAR POST KIDNEY TRANSPLANTATION (KT): A SINGLE CENTER PHARMACOGENETICS COHORT STUDY**
Yassine Bouatou1; Ludwig Stenz2; Belen Ponte1; Serge Ferrari1; Ariane Paoloni-Giacobino1; Karine Hadaya1
1Geneva University Hospitals, Switzerland; 2Geneva University, Switzerland
### STATE OF THE ART 7
**Room 115**

**09.10 – 10.40**
**Donor management – can we further extend the potential donor pool?**

**The creators view**

The prerequisite for successful transplantation is the availability of organs. At the same time, selecting suitable organs for transplantation is critical in order to guarantee optimal short- and long-term outcomes. During the last years, we have experienced an increasing interest in strategies to optimize donor management, especially since liberalization of donor criteria has been introduced within the field. In this session, we want to address the idea of further extending the potential donor pool. The focus will be recent innovative approaches and potential risk factors, that might limit further expansion. In this session we want to engage all professionals involved in this topic, including anaesthesiologists, intensivists, nurses, coordinators and transplant physicians in a lively exchange and discussion.

**CREATED BY:**
Arne Neyrinck, Leuven, Belgium
Jacques Pirenne, Leuven, Belgium

**CHAIRS:**
Arne Neyrinck, Leuven, Belgium
Ina Jochmans, Leuven, Belgium

- **09.10**
  **How controlled is my DCD?**
  Sophie Van Cromphaut, Leuven, Belgium

- **09.30**
  **Should I perfuse my donor?**
  Simon Messer, Cambridge, United Kingdom

- **09.50**
  **Tribulation in designing donor intervention studies**
  Claus Niemann, San Francisco, United States

- **10.10**
  **How clean is my donor?**
  Margaret Hannan, Dublin, Ireland

### STATE OF THE ART 8
**Room 111 + 112**

**09.10 – 10.40**
**Pushing the boundaries in living donation**

**The creators view**

Live donation has become routine practice in many countries. The expansion of the acceptance criteria for live kidney donors is now challenged by emerging evidence for an increased relative risk for the development of renal failure on the long run. In this context, it is even more important how transplant professionals provide an individual risk assessments for potential donors. But how can we ensure that donors understand the potential risks? Do we have a good screening tool to assess potential psychological risks for live donors? Can we step away from standardized surgical approaches for live donor nephrectomy and adopt a tailor made approach? Should living donor liver transplantation be advocated to replace deceased donor liver Tx? This session focuses on the balance between pushing the limits in the context of potential short and long-term complications in this field.

**CREATED BY:**
Frank Dor, London, United Kingdom
Gabriel Oniscu, Edinburgh, United Kingdom

**CHAIRS:**
Barış Akin, Istanbul, Turkey
Lisa Burnapp, London, United Kingdom

- **09.10**
  **To be or not to be a donor – how can we make sure potential donors understand the risks?**
  Aisling Courtney, Belfast, Ireland

- **09.30**
  **Psychosocial evaluation of live donors - the need for a tool to determine the psychological risk**
  Fabienne Dobbels, Leuven, Belgium

- **09.50**
  **Tailor made live donor nephrectomy: a conversation between two surgeons**
  Frank Dor, London, United Kingdom and Gabriel Oniscu, Edinburgh, United Kingdom

- **10.10**
  **Should live liver donor transplantation be advocated to substitute deceased donor liver Tx?**
  Yaman Tokat, Istanbul, Turkey
STATE OF THE ART

Cellular interaction in rejection

The creators view

Transplant rejection involves a coordinated attack of the graft by the recipient’s innate and the adaptive immune systems. Although direct visualization of this complex cellular interplay as made possible by recent technological progresses has greatly improved our understanding of rejection pathophysiology, it has also led to unexpected observations. Indeed, like in other chronic inflammatory conditions, organized lymphoid tissue develop in allografts. This session will provide an update on cellular interactions in rejection and will discuss whether intragraft tertiary lymphoid organs contribute to graft rejection and/or tolerance.

CREATED BY: Lorna Marson, Edinburgh, United Kingdom
Olivier Thaunat, Lyon, France

CHAIRS: Carla Baan, Rotterdam, The Netherlands
Lorna Marson, Edinburgh, United Kingdom

09.10 Visualization of dendritic cell assisted migration and proliferation of T cells in allografts
Adrian Morelli, Pittsburgh, United States

09.35 Lymphoid neogenesis: a tribute to the travelers
Nancy Ruddle, New Haven, United States

10.00 Intragraft tertiary lymphoid organs: friends and foes
Olivier Thaunat, Lyon, France

10.25 Q&A

PLENARY SESSION

Leadership in transplantation and Presidential Session

The creators view

Leadership is a key element in our professional lives, yet the attention to professionalism in this area has not received much attention. Much of the potential in our field could be mobilized by enhancing the understanding of the principles in modern leadership. In this final plenary session, you will hear from individuals within and outside of transplantation about their experience and their own views on leadership.

As per the tradition of the ESOT conference, you will also be presented with a summary of the most exciting innovations that have been discussed during the congress in this session.

CREATED BY: Lorna Marson, Edinburgh, United Kingdom
Stefan Schneeberger, Innsbruck, Austria

CHAIRS: Thierry Berney, Geneva, Switzerland  ESOT CURRENT PRESIDENT
Stefan Schneeberger, Innsbruck, Austria  ESOT PRESIDENT ELECT

11.10 Basic Science: What’s hot!
Oriol Bestard, Barcelona, Spain

11.25 Clinical: What’s hot!
Dennis Hesselink, Rotterdam, The Netherlands

11.40 Leadership in transplantation!
Dorry Segev, Baltimore, United States and Robert Montgomery, New York, United States

12.00 KEYNOTE LECTURE Is a Leader an Hostage?
George Kohlrieser, Lausanne, Switzerland

12.30 KEYNOTE GUEST From tactics to strategy
by the President of ESADE Centre for Global Economy and Geopolitics, Javier Solana, Madrid, Spain

12.50 Presidential address
Stefan Schneeberger, Innsbruck, Austria
Scientific programme

Posters
P001 CLINICAL APPLICATION OF MESENCHYMAL STROMAL CELLS WITH A SIMPLIFIED PROTOCOL FOR ABO INCOMPATIBLE LIVER TRANSPLANTATION IN SEVERE HEPATIC FAILURE PATIENTS
Ying-Cai Zhang; Guo-Ying Wang; Shi-Lei Xu; Jie-Bin Zhang; Qi Zhang; Yang Yang; Gui-Hua Chen
Third Affiliated Hospital of Sun Yat-Sen University, China

P002 RED BLOOD CELL ANTIBODIES IN PATIENTS UNDERGOING LIVER TRANSPLANTATION: A CROATIAN SINGLE CENTRE ANALYSIS
Martina Lukic1; Marko Karlo Radovicic1; Iva Kosuta2; Branislav Kocman2; Anna Mrzljak2
1Croatian Institute of Transfusion Medicine, Croatia; 2University Hospital Merkur Zagreb, Croatia

P003 COMPARISON OF HUMAN MESENCHYMAL STEM CELLS DERIVED FROM VARIOUS COMPARTMENTS OF HUMAN FIBROFATTY AND VASCULAR TISSUES DURING ORGAN DONATION
Maryam Kaviani1; Negar Azarpira1; Mahdokht Hossein Aghdaei1; Elaheh Esfandiari1; Bita Geramizadeh1; Saman Nigehbalian1; Seyed Mohsen Dehghan1
1Transplant Research Center, Shiraz University of Medical Sciences, Shiraz, Iran; 2Gastroenterohepatology Research Center, Namazi Hospital, Shiraz, Iran

P004 CYTOTOXICITY OF FK506 THROUGH TRAIL, FAS AND TLR4 SIGNALING PATHWAY IN HUMAN JURKAT T CELLS
Sang Young Chung; Soo Jin Na Choi
Chonnam National University Hospital, Republic of Korea

P005 SYNERGISTIC IMMUNE MODULATORY EFFECTS OF THALIDOMIDE AND DEXAMETHASONE CO-TREATMENT ON T CELL SUBSETS
Eun Jee Kim1; Jae Geun Lee1; Jooyeon Kim2; Seung Hwan Song2; Dong Jin Joo2; Kyu Ha Huh2; Myoung Soo Kim2; Beom Seok Kim2; Yu Seun Kim2
1The Research Institute For Transplantation/Brain Korea 21 Plus Project For Medical Science/Yonsei Un, Republic of Korea; 2Department of Transplantation Surgery/ Severance Hospital/ Yonsei University Health System, Republic of Korea; 3The Research Institute For Transplantation/ Yonsei University College of Medicine, Republic of Korea; 4The Research Institute For Transplantation/ Department of Transplantation Surgery/ Yonsei University, Republic of Korea; 5The Research Institute For Transplantation/ Department of Internal Medicine, Nephrology/ Yonsei Univ, Republic of Korea

P006 CCR4HIGHCD4+ CELL POPULATIONS IN KIDNEY GRAFT BLOOD AFTER STEROID WITHDRAWAL: A PROSPECTIVE, RANDOMIZED, CONTROLLED, PARALLEL GROUP STUDY. PRELIMINARY RESULTS
Juana Alonso-Titos; Pedro Ruiz-Esteban; Eulalia Palma; Abelardo Caballero; Veronica Lopez; Eugenia Sola; Mercedes Cabello; Teresa Vazquez; Ana Duarte; Cristina Jironda; Domingo Hernandez
Regional University Hospital of Malaga and University of Malaga. Ibima. Redinren (Rd16/0009/0006), Spain

P007 THE GENE EXPRESSION OF FCRL2, 4 MOLECULES IN IRANIAN KIDNEY TRANSPLANT PATIENTS
Narges Jamshidian Tehrani1; Mohammad Hossein Karimi2; Bita Geramizadeh1; Negar Azarpira2; Zahra Amirghofran2
1Transplant Research Center, Shiraz University of Medical Sciences, Shiraz, Iran; 2Transplant Research Center, Shiraz University of Medical Sciences, Shiraz, Iran

P008 THE IMPORTANCE OF MSC BONE MARROW DOSES FOR PROLONGED REDUCING OF NEPHROPATHY SYMPTOMS AT MODELING OF KIDNEY AUTOTRANSPLANTATION ON RATS
Sergey Meshcherin; Onishenko Nina; Viktor Sebastianov
Federal State Budgetary Institution “Academician V.I. Shumakov Federal Research Center of Transplantology, Russian Federation

P009 THIRD-PARTY MESENCHYMAL STROMAL CELL THERAPY AND RISK OF ALLOSENSITISATION IN INTESTINAL TRANSPLANT PATIENTS
Srikanth Reddy1; Georgios Vrakas1; Mian Chen1; Martin Barnardo1; Philip Allan1; Francesc Dazzi2; Peter Friend2; Susan Fuggle1
1Oxford University Hospitals, United Kingdom; 2King’s College London, United Kingdom
P010  PHENOTYPIC AND TRANSCRIPTOMIC LYMPHOCYTES CHANGES IN ALLOGRAFT RECIPIENTS AFTER KIDNEY TRANSPLANTATION
Caroline Pilon1; Jeremy Bigot1; Cynthia Grondin1; Claire Leibler1; José Cohen2; Philippe Grimbert2; Marie Matignon3
1Inserm U955, Aphp Cic Biothérapies, Henri Mondor Hospital, France; 2Inserm U955, Paris Est University, France; 3Nephrology and Transplantation Department, Aphp, Henri Mondor Hospital, France

P011  ROLE OF MYCOPHENOLATE ACID ON DENDRITIC CELLS BY INHIBITION OF PROTEIN GLYCOSYLATION
Pere Fontova1; Ines Rama1; Ines Llaudo1; Anna Vidal1; Gema Cerezo2; Anna Manzano2; Josep M Grinyo2; Joan Torras2; Josep M Cruzado2; Nuria Llobetas1
1Hospital Bellvitge, Spain; 2University of Barcelona, Spain

P012  IN-VITRO STUDY OF NGAL IMMUNOMODULATORY EFFECT IN HEMODIALYSIS AND HYPERIMMUNIZED PATIENTS
Gaetano La Manna1; Chiara Zannini1; Francesco Alviano2; Pier Luigi Tazzari2; Francesca Ricci2; Olga Baraldi1; Carlotta Pia Cristalli1; Vanda Randi2; Laura Bonsi2; Maria Cappuccilli1
1Unit of Nephrology, Dialysis and Renal Transplant, St. Orsola University Hospital, Italy; 2Unit of Histology, Embryology and Applied Biology, University of Bologna, Italy; 3Service of Immunohematology and Transfusion Medicine, St. Orsola University Hospital, Italy

P013  FEMALE RECIPIENT GENDER DETERMINES ADVERSE OUTCOMES FOLLOWING EXPERIMENTAL HEART TRANSPLANTATION
Susanne Ebner1; Hannah Esser1; Margarethe Hochleitner1; Vanessa Mellitzer1; Manuel Maglione1; Julia Günther1; Jakob Troppmair1; Katja Kotsch1; Julia Dumfarth1; Dietmar Öfner1; Stefan Schneeberger1; Thomas Resch1
1Center of Operative Medicine, Department For Visceral, Transplant and Thoracic Surgery, Innsbruck Me, Austria; 2Women’s Health Centre, Medical University of Innsbruck, Austria; 3Department For General, Visceral and Transplantation Surgery, Charité-Universitätsmedizin, Berlin, Germany; 4Department For Cardiac Surgery, Innsbruck Medical University, Austria

P014  DENTAL MESENCHYMAL STEM CELLS MAY HAVE IMMUNOREGULATORY EFFECT ON ALLOGRECTION
Fethi Gül; Deniz Dogan; Umut Sabri Kasapoglu; Tunc Akkoc; Ismail Cinel
Marmara University, Turkey

P015  IL28B RS12979860 C/T POLYMORPHISM WITH ACTIVE CYTOMEGALOVIRUS (CMV) INFECTION IN IRANIAN KIDNEY TRANSPLANT RECIPIENTS
Nasiri Miss1; Negar Azarpira2; Yaghobi Dr3; Kurosh Kazemi4; Geramizadeh Dr5
1Transplant Research Center, Shiraz University of Medical Sciences, Iran; 2Transplant Research Center, Shiraz University of Medical Sciences, Shiraz, Iran, Iran

P016  GENETIC POLYMORPHISM OF INTERFERON REGULATORY FACTOR 5 (IRF 5) WITH ALLOGRAFT ACUTE REJECTION IN LIVER TRANSPLANT RECIPIENTS
Maryam Babaie1; Negar Azarpira2; Alireza Shamsaifar1; Masumeh Darai1
1Allergy Transplant Research Center, Iran; 2Transplant Research Center, Shiraz University of Medical Sciences, Iran; 3Transplant Research Center, Shiraz University of Medical Sciences, Shiraz, Iran, Iran; 4Transplant Research Center, Shiraz University of Medical Sciences, Iran

P017  PITFALLS IN EXPERIMENTAL KIDNEY TRANSPLANTATION IN MICE
Faikah Gueler1; Rongjun Chen1; Anja Thorenz1; Michael Mengel1; Stephan Immenschuh1; Hermann Haller1; Song Rong1
1Hannover Medical School, Germany; 2University of Alberta, Canada

P018  MIRCRONA PROFILING OF FK506-STIMULATED JURKAT HUMAN T CELL
Ho Kyun Lee1; Soo Jin Na Choi; Sang Young Chung
Chonnam National University Medical School, Republic of Korea
P019  T-HELPER CELLS, CD4+ EFFECTOR MEMORY T CELLS, TERMINALLY DIFFERENTIATED CD8+ T CELLS AND IL-4 GENE EXPRESSION ARE NON-INVASIVE BIOMARKERS OF CHRONIC REJECTION AFTER LIVER TRANSPLANTATION: A PILOT STUDY
Sergey Korotkov; Aleksei Shcherba; Victoriya Smolnikiva; Victoriya Grinevich; Alla Kireeva; Kristina Zhur; Alla Koritko; Evgenia Primakova; Olga Lebed; Olga Yudina; Denis Efimov; Aleksei Fedoruk; Svetlana Krivenko; Oleg Rummo
Minsk Transplant Centre, Belarus

P020  DECEASED DONOR HUMAN PERIPHERAL BLOOD AND SPLENOCYTES FOR EXPERIMENTAL AND CLINICAL CELLULAR THERAPY
Krishnaa Mahbubani; Olivia Tysoe; Kathleen Elliot; Nikola Dolezalova; Nikitas Gregakopoulos; Ludovic Vallier; Kourosh Saeb-Parsy
1Department of Surgery, University of Cambridge, Cambridge, United Kingdom; 2Sanger Institute, University of Cambridge, Cambridge, United Kingdom

P021  TEMPORAL EFFECTS ON CELL VIABILITY AND PROLIFERATION: PROGRESSING FROM THE BENCH TO A CLINICAL ENVIRONMENT
Krishnaa Mahbubani; Peter Kilbride; Nikitas Gregakopoulos; Nigel Slater; John Morris; Kourosh Saeb-Parsy
1Department of Surgery, University of Cambridge, Cambridge, United Kingdom; 2Asymptote Ltd., St John’S Innovation Centre, Cambridge, United Kingdom; 3Department of Chemical Engineering and Biotechnology, University of Cambridge, Cambridge, United Kingdom

P022  IDENTIFICATION OF URINARY BIOMARKERS FOR CHRONIC ALLOGRAFT NEPHROPATHY USING PROTEOMIC METHODS
Samuel Lee; Hee Jung Jeon; Joo Seop Kim; Doo Jin Kim
1Kangdong Sacred Heart Hospital Hallym University College of Medicine, Republic of Korea; 2Kangdong Sacred Heart Hospital, Republic of Korea

P023  NEW TRANSPORT SOLUTION FOR PARATHYROID ALLOTRANSPLANTATION
Beyza Goncu; Burcu Ozbek; Harun Basoglu; Nur Ozten Kandas; Fahri Akbas; Cemile Kesgin Toka; Emrah Yucesan; Rumeyza Kazancioglu; Erhan Aysan
1Bezmialem Vakif University, Parathyroid Transplantation Unit, Turkey; 2Bezmialem Vakif University, Department of General Surgery, Turkey; 3Bezmialem Vakif University, Department of Biophysics, Turkey; 4Bezmialem Vakif University, Department of Pharmaceutical Toxicology, Turkey; 5Bezmialem Vakif University, Department of Medical Biology, Turkey; 6Bezmialem Vakif University, Institute of Life Sciences and Biotechnology, Turkey; 7Bezmialem Vakif University, Department of Nephrology, Turkey

P025  EVALUATING ALLOGRAFT RENAL FUNCTION BY CYSTATIN C ESTIMATING GLOMERULAR FILTRATION RATE FORMULAS
Chuan Hoang; Tam Tran; Sam Thai; Le Nguyen; Sinh Tran
1Cho Ray Hospital, Vietnam; 2Can Tho University of Medicine and Pharmacy, Vietnam; 3University of Medicine and Pharmacy In Ho Chi Minh City, Vietnam

P026  INFLAMMATION MARKERS STREM-1, PGLYRP AND SMMP8 IN SALIVA OF KIDNEY TRANSPLANT PATIENTS
Fernanda Ortiz; Karita Nylund; Hellevi Ruokonen; Timo Sorsa; Anna-Maria Heikkinen; Jukka Meurman; Taina Tervahartiala; Jussi Furuholm; Nagihan Bostanci
1Helsinki University Hospital, Finland; 2Karolinska Institute, Sweden

P027  KIM-1 STAINING INTENSITY IN RENAL ALLOGRAFT BIOPSIES 10 DAYS POST TRANSPLANTATION IS INVERSELY CORRELATED WITH FUNCTIONING PROXIMAL TUBULAR EPITHELIAL CELLS
Jonna Bank; Pieter Van Der Pol; Dianne Vreeken; Ingeborg Bajema; Nicole Schlagwein; Danielle Van Gilstwijk; Marlies Reinders; Hans De Fijter; Cees Van Kooten
1Leiden University Medical Center, Department of Nephrology, The Netherlands; 2Leiden University Medical Center, Department of Pathology, The Netherlands

P028  THE USE OF THROMBOELASTOGRAPHY (TEG) TO GUIDE PLATELET INFUSION IN PATIENT WITH WISKOTT-ALDRICH SYNDROME (WAS) UNDERGOING RENAL TRANSPLANTATION
Ammar Almidani; Ciara Donohue; Peter Berry; Gareth Jones; Bimbi Fernando
Royal Free Hospital London NHS Trust, United Kingdom
P029  THE ABILITY TO SUSTAIN ATTENTION IN ADEQUATELY HEMODIALYZED PATIENTS WITH END-STAGE RENAL DISEASE IS ASSOCIATED WITH CARDIOVASCULAR DISEASE PREDICTORS
Bogdan Biedunkiewicz; Michał Harciarek; Jaroslav Michałowski; Alicja Dębska–Ślizień
1Dept. of Nephrology, Transplantology and Internal Medicine, Gdansk Medical University, Poland; 2Institute of Psychology, University of Gdansk, Poland; 3Faculty of Psychology, University of Warsaw, Poland; 4Dept. of Nephrology, Transplantology and Internal Medicine, Gdansk Medical University, Poland

P030  THE EFFECT OF KIDNEY TRANSPLANTATION ON SELECTED BIOMARKERS OF OXIDATIVE STRESS AND OXIDATIVE DAMAGE OF BIOMOLECULES
Branislav Trebaticky; Zuzana Zilinska; Pavol Kozak; Martin Chrastina; Miroslava Sersenova; Jan Breza Šr.; Jana Muchova; Martina Horvathova; Zuzana Orszaghova; Zuzana Paduchova
1Urological Dpt. With Kidney Transplantation Center, Comenius University School of Medicine, Bratislava, Slovakia; 2Institute of Medical Chemistry, Biochemistry and Clinical Biochemistry, Comenius University School of O, Slovakia

P031  TRABECULAR BONE SCORE AND BONE MINERAL DENSITY IN THE ASSESSMENT OF BONE LOSS AFTER KIDNEY TRANSPLANTATION
Knut Smerud; Kristin Godang; Nils Meland; Anders Hartmann; Jens Bollerslev
1Smerud Medical Research International As, Norway; 2Section of Specialised Endocrinology, Department of Medicine, Oslo University Hospital, Rikshospital, Norway; 3Department of Transplant Medicine, Oslo University Hospital, Rikshospitalet, Norway; 4Faculty of Medicine, University of Oslo, Norway

P032  TOLL LIKE RECEPTOR 9 -1486C/T GENETIC POLYMORPHISM IS ASSOCIATED WITH HEPATOCARCINOMA RECURRENCE AFTER LIVER TRANSPLANTATION
Sara De La Fuente; Maria Jesus Citores; Ana Duca; Isolina Baños; Valentin Cuervas-Mons
1Hospital Universitario Puerta de Hierro Majadahonda, Spain; 2Instituto de Investigación Puerta de Hierro Majadahonda, Spain

P033  PRETRANSPLANT IMMUNE INTERPLAY BETWEEN DONOR AND RECIPIENT INFLUENCES POSTTRANSPLANT KIDNEY ALLOGRAFT FUNCTION
Dorota Kamińska; Katarzyna Kościelska-Kasprzak; Oktawia Mazanowska; Marcelina Zabinska; Mirosław Banasiak; Paweł Chudoba; Agnieszka Lepiesza; Agnieszka GomulKiewicz; Piotr DzieGiel; Wojciech Polak; Marian Klinger
1Department of Nephrology and Transplantation Medicine, Wroclaw Medical University, Poland; 2Department of Vascular, General and Transplant Surgery, Wroclaw Medical University, Poland; 3Department of Histology and Embryology, Wroclaw Medical University, Poland; 4Department of Surgery, Division of Hpb and Transplantation Surgery, Erasmus Mc, University Medical C, Poland

P034  STANDARDIZATION OF RNA ISOLATION FROM URINE FOR TRANSCRIPTOME ANALYSIS IN KIDNEY TRANSPLANT PATIENTS
Marlon Castrillon; Daniel Alzate; Cristian Alvarez
Grupo de Inmunología Celular E Inmunogenética, Facultad de Medicina, Universidad de Antioquia., Colombia

P035  GENETIC STUDY OF IRANIAN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE FAMILIES
Mona Entezam; Mohammad Keramatipour; Fereshteh Saddadi; Mohammad Reza Khatami; Jamshid Roozbeh
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1Kidney Transplantation, Fondazione Irccs Ca’ Granda, Ospedale Maggiore Policlinico, Italy; 2Kidney Transplantation, Barts Health NHS Trust, The Royal London Hospital, United Kingdom
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1The University of Edinburgh, United Kingdom; 2Royal Infirmary of Edinburgh, United Kingdom; 3University of Edinburgh, United Kingdom

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Nephrology Division; Department of Medicine, Samsung Medical Center, Sungkyunkwan University School, Republic of Korea
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University Hospital of Limoges, France

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Vincenzo Cantaluppi1; Davide Medica2; Alessandro Domenico Quercia3; Marco Quaglia1; Andrea Airoldi1; Guido Merlotti1; Massimiliano Migliori1; Sergio Dellepiane2; Michele Battista3; Angelo Nappo4; Martina Mazzaroli5; Vincenzo Panichi6; Luigi Biancone2; Giovanni Camussi2
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1Hospital Clinico San Carlos, Spain; 2Hospital Clinico San Carlos, Spain

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Tor Vergata, Italy

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Max Seidel1; Timm Westhoff1  
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Denmark; 3Department of Nephrology, Aarhus University Hospital, Denmark; 4Department of  
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Poland; 2Kidney Transplant Regional Waiting List, Department of General Nursing, Faculty of Medical  
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1National Scientific Center of Surgery Named After A.S.Syzganov, Kazakhstan; 2National Center of Surgery Named After A.S. Syzganov, Kazakhstan

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1Chu de Nantes, France; 2Chu Nantes Hotel Dieu, France

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1Seoul St Mary’s Hospital College of Medicine, The Catholic University, Republic of Korea; 2St Paul’s Hospital, The Catholic University of Korea, Republic of Korea; 3Seoul St Mary’s Hospital, Republic of Korea; 4Yeonoido St Mary’s Hospital, Republic of Korea; 5Daejeon St Mary’s Hospital, The Catholic University of Korea, College of Medicine, Republic of Korea; 6Bucheon St Mary’s Hospital, The Catholic University of Korea, College of Medicine, Republic of Korea

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1Department of Internal Medicine, University of Giessen, Germany; 2Institute of Immunology, University of Heidelberg, Germany; 3Department of Surgery, University of Giessen, Germany
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1Department of Surgery, Ewha Womans University Hospital, Republic of Korea; 2Department of Surgery, Ewha Womans University Hospital, Republic of Korea

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1Instituto Português Do Sangue E Da Transplantação, Portugal; 2Serviço Nefrologia, Chsj, Portugal; 3Cintesis/Departamento Medicina, Fmup, Portugal

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1Renal Transplant Unit/Nephrology Department/Hospital Universitario Insular De Gran Canaria, Spain; 2Apheresis Unit/Hematology Department/Hospital Universitario Insular De Gran Canaria, Spain

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1Hamad Medical Cooperation, Qatar; 2Hamad Medical Cooperation (Hmc), Qatar; 3Liverpool University, United Kingdom

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1Jichi Medical University, Japan; 2Jichi Medical University Hospital, Japan

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Department of Internal Medicine, Keimyung University School of Medicine, Keimyung University Kidney, Republic of Korea
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¹Bong Seng Hospital, Republic of Korea; ²Kyungpook University College of Medicine, Daegu, Republic of Korea; ³Bong Seng Hospital, Busan, Republic of Korea

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Urology & Nephrology Center, Egypt

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¹Imperial College NHS/Hammersmith Hospital/Renal Transplant, United Kingdom; ²Imperial College NHS/Hammersmith Hospital/Department of Anaesthetics, United Kingdom; ³Imperial College NHS/Hammersmith Hospital/Department of Pathology, United Kingdom

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¹Nephrology & Transplantation, Laiko Hospital, National & Kapodistrian Univ of Athens, Greece; ²Department of Histocompatibility, Gennimatas Hospital, Greece; ³Transplantation Unit, Laiko Hospital, National & Kapodistrian Univ of Athens, Greece

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¹Immunology/Beni Messous Hospital, Algeria; ²Nephrology/Beni Messous Hospital, Algeria

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¹Hospital Do Espírito Santo de Évora, Portugal; ²Hospital Curry Cabral, Portugal
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¹Department of Internal Medicine, University of Giessen, Germany; ²Division of Cellular and Molecular Pathology, German Cancer Research Center, Heidelberg, Germany; ³Institute of Immunology, University of Heidelberg, Germany; ⁴Department of Surgery, University of Giessen, Germany

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¹Immunology/Beni Messous Hospital, Algeria; ²Nephrology/Beni Messous Hospital, Algeria

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¹UC Od Nephrology, Macedonia, The Former Yugoslav Republic of; ²Uc Od Nefrology, Macedonia, The Former Yugoslav Republic of

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¹Keck Medical Cenetr At University of Southern California, United States; ²University of Southern California, United States

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¹Keimyung University Donsan Medical Center, Republic of Korea; ²Department of Surgery Keimyung University Donsan Medical Center, Republic of Korea

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Department of General, Visceral and Transplantation Surgery, University of Heidelberg, Germany

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1Department of General Transplant and Liver Surgery Muw, Poland; 2Department of General, Transplant and Liver Surgery, Poland

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1Akdeniz University Medical Faculty, The Department of General Surgery, Turkey; 2Akdeniz University Medical Faculty, The Department of Anesthesiology and Reanimation, Turkey; 3Akdeniz University Medical Faculty, Division of Plastic and Reconstructive Surgery, Turkey

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Maryknoll General Hospital, Republic of Korea

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Vladimir Yakimenko; Andriy Nykonenko; Igor Rusanov; Olexandr Nykonenko
Zaporizhzhia Medical Academy of Post-Graduate Education Ministry of Health of Ukraine, Ukraine

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Virginia Bove; Cristina Serra; Alessandra Giordani; Marina D’agostino; Daniela Cianchi
Pediatric Hospital Bambino Gesù, Italy

P530  HAND-ASSISTED LAPAROSCOPIC DONOR NEPHRECTOMY: A SINGLE CENTER EXPERIENCE
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P531 OUTCOMES OF KIDNEY ALLOGRAFTS EXPOSED TO CYCLOSPORINE FOR 20 YEARS
Gabriella Moroni, Valentina Binda, Silvana Quaglini, Lucia Sacchi, Francesca Raffiotta, Francesco Cosa, Antonio Tarantino, Giuseppe Montagnino, Evaldo Favi, Piergiorgio Messa, Claudio Ponticelli
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PLB001 A 2ND GENERATION CMV-SPECIFIC T CELL PRODUCT AS A PREEMTIVE CELLULAR THERAPEUTIC FOR SUSTAINED IMMUNOLOGICAL REGENERATION POST RENAL TRANSPLANTATION
Leila Amini, Michael Schmück-Henneresse, Hans-Dieter Volk, Petra Reinke
Charité Universitätsmedizin Berlin, Germany.

PLB002 OUTCOME OF CLINICAL PANCREATIC ISLET TRANSPLANTATION IN JAPAN. —JAPAN ISLET TRANSPLANTATION REGISTRY REPORT-
Yumi Akashi, Takashi Kenmochi, Taihei Ito, Kei Kurihara, Naohiro Aida, Mikiko Hayashi, Mai Kondo
1Faculty of Nursing, Fujita Health University, School of Health Sciences, Japan; 2Department of Transplantation and Regenerative Medicine, Fujita Health University, School of Medicine, Japan; 3Transplantation Supporting Unit, Fujita Health University Hospital, Japan.

PLB003 HUMAN AMNIOTIC EPITHELIAL CELLS PROTECT ISLETS FROM PRO-INFLAMMATORY CYTOKINES
Fanny Lebreton, Vanessa Lavalard, Mohamed Alibashe Ahmed, Charlotte Barbiex, Estelle Brioudes, Lisa Perez, Géraldine Parnaud, Thierry Berney, Ekaterine Berishvili
Geneva University Hospitals, Switzerland.

PLB004 COLONIZATION AND INFECTION WITH VANCOMYCIN-RESISTANT ENTEROCOCCUS DURING EARLY POST LIVER TRANSPLANT PERIOD, 2014-2015, SHIRAZ, IRAN
Zahra Jafarpour, Gholamreza Pouladfar, Mohammad Firoozifar, Seyed Ali Malek Hosseini
1Professor Alborzi Clinical Microbiology Research Center, Nemazee Teaching Hospital, Shiraz University, Iran; 2Shiraz Organ Transplant Center, Nemazee Hospital, Shiraz, Iran.

PLB005 UP-REGULATION OF HYPOXIA INDUCIBLE FACTOR (HIF) TARGET GENES DURING NORMOTHERMIC REGIONAL PERFUSION (NRP) RECOVERY OF LIVERS FROM DCD DONORS
Andrew Sutherland, Sukh Bansal, Carolyn Cairns, Timothy Gray, Fiona Hunt, Bryan Conway, Gabriel Oniscu
1Transplant Unit, Royal Infirmary of Edinburgh, UK, United Kingdom; 2University of Birmingham, United Kingdom; 3University of Edinburgh, United Kingdom.

PLB006 TUMORAL RESPONSE AND TUMORAL PHENOTYPIC CHANGE IN A DIETHYLNITROSAMINE-INDUCED HEPATOCELLULAR CARCINOMA AFTER SALIRASIB AND SORAFENIB ADMINISTRATION IN RAT.
Arthur Colson, Christine De Saeger, Raymond Reding, Isabelle Leclercq, Peter Stärkel, Olga Ciccarelli
1Saint Luc Hospital, Belgium; 2Université Catholique de Louvain, Belgium.

PLB007 NON-INVASIVE SURVEILLANCE OF ORGAN HEALTH AFTER LIVER TRANSPLANTATION USING DONOR-SPECIFIC CELL-FREE DNA.
Su Kah Goh, Hongdo Do, Robert Jones, Vijayaragavan Muralidharan, Alexander Dobrovic, Christopher Christophi
1Department of Surgery, The University of Melbourne, Austin Health, Australia; 2Translational Genomics and Epigenomics Laboratory, Olivia Newton-John Cancer Research Institute, Australia; 3Victorian Liver Transplantation Unit, Austin Health, Australia.

PLB008 STUDY OF IMMUNOREGULATORY T LYMPHOCYTES IN TRANSPLANTED PATIENTS WITH LONG-TERM MINIMIZED IMMUNOSUPPRESSION
Lauren Daniel, Léa Dufour, Aurélie Robin, Maroua Ferhat, André Herbelin, Jean-Marc Gombert, Antoine Thiery
1Inserm U1082, France; 2Inserm U1082/Chu Poitiers, France; 3Inserm U1082/Université de Poitiers, France; 4Inserm U1082/Chu Poitiers/Université de Poitiers, France.
PLB009  LIVE DONOR KIDNEY TRANSPLANTATION PEARLS: A PRACTICAL REVIEW  
Yasser Matter; Tarek Abbas; Ayman Nagib; Mohamed Abbas; Ayman Refaie; Ahmed Elmowafy; Hussein Sheashaa  
Urology and Nephrology Center, Mansoura University, Egypt

PLB010  ORGAN PRESERVATION FLUID AS A SOURCE FOR BIOMARKERS TO PREDICT KIDNEY FUNCTION AFTER TRANSPLANTATION ALLOWING SAFE AND REAL-TIME MONITORING OF DONOR ORGAN QUALITY  
Bas Van Balkom1; Hendrik Gremmels1; Raechel Toorop1; Liselotte Ooms2; Frank Dor1; Olivier De Jong1; Laura Michielsen1; Wilco De Jager1; Gert Jan De Borst1; Arjan Van Zuijen1; Marianne Verhaar1  
1Umc Utrecht, The Netherlands; 2Erasmus Mc Rotterdam, The Netherlands; 3Imperial College Healthcare NHS Trust, United Kingdom

PLB011  QUANTIFERON MONITOR: A NOVEL IMMUNE MONITORING ASSAY TO STRATIFY RISK OF INFECTION AFTER HEART TRANSPLANTATION  
Luciano Potena; Agnese Gaudenzi; Angela Chiareghin; Laura Borgese; Liliana Gabrielli; Marco Masetti; Giuseppe Marinelli; Tiziana Lazzarotto; Francesco Grigioni  
Bologna University Hospital, Italy

PLB012  IN OUR COUNTRY, APPROVAL OF FAMILIES IS NEEDED FOR DONATION OF ORGANS THAT BELONGS TO PEOPLE WHO HAD CEREBRAL DEATH  
Sükran Gürçan  
Ordu State Hospital, Turkey

PLB013  SPOKESPERSON’S INFLUENCES IN CAMPAIGNS FOR ORGANS DONATION  
Severino Júnior  
Post Graduate Program In Business Administration - Eaesp - FGV, Brazil

PLB014  THE CONCEPTION OF A MULTI-TISSUE RETRIEVING TEAM OF HUMAN ORIGIN IN A CENTRAL HOSPITAL: CONTRIBUTION TO NATIONAL SELF-SUFFICIENCY  
Paula Pico1; Fernando Rodrigues1; Teresa Lobo1; Fátima Gonçalves1; Maria João Xavier2  
1Gabinete Coordenador de Colheita E Transplantação Do Hospital S. José - Chlc, Epe, Portugal; 2Centro Hospitalar Lisboa Central Gabinete Coordenador de Colheita E Transplantação Do, Portugal

PLB015  THE CONCEPTION OF A MULTI-TISSUE RETRIEVING TEAM OF HUMAN ORIGIN IN A CENTRAL HOSPITAL: CONTRIBUTION TO NATIONAL SELF-SUFFICIENCY  
Paula Pico; Fernando Rodrigues; Teresa Lobo; Fátima Gonçalves; Maria João Xavier  
Gabinete Coordenador de Colheita E Transplantação Do Hospital S. José - Chlc, Epe, Portugal

PLB016  SURGICAL CHALLENGES TOWARD BETTER OUTCOMES OF PEDIATRIC LIVING DONOR LIVER TRANSPLANTATION: EXPERIENCE OF THE FIRST EGYPTIAN PEDIATRIC LIVER TRANSPANT CENTER  
Ahmed Elshawady Sherif1; Mohammed Taha Badawy1; Amr Mostafa Aziz1; Maher Osman1; Hesham Abdeldaym1; Mureo Kasahara2; Koichi Tanaka2; Khaled Abou El-Ella1  
1National Liver Institute, Menoufia University, Egypt; 2National Children’s Hospital, Japan; 3Department of Transplantation and Immunology, Kyoto University, Japan

PLB017  ESTABLISHMENT OF A ROBUST PEDIATRIC LIVING DONOR LIVER TRANSPLANTATION PROGRAM IN THE ABSENCE OF CADAVERIC DONATION LEGISLATIONS AND RETRANSPLANTATION BACKUP: EGYPTIAN SINGLE CENTER EXPERIENCE  
Ahmed Elshawady Sherif1; Mohamed Taha Badawy1; Amr Mostafa Aziz1; Maher Osman1; Hesham Abdeldaym1; Mureo Kasahara2; Koichi Tanaka2; Khaled Abou El-Ella1  
1National Liver Institute, Menoufia University, Egypt; 2National Children’s Hospital, Japan; 3Department of Transplantation and Immunology, Kyoto University, Japan

PLB018  OUTCOMES IN PAEDIATRIC KIDNEY TRANSPLANTATION: A STUDY OF 233 PATIENTS  
Faisal Jamshaid1; Pankaj Chandak2; Jelena Stojanovic3; Peter Gogalniceanu2; Stephen Marks4; Nizam Mamode2; Nicos Kessaris2  
1King’s College London School of Medicine, United Kingdom; 2Guy’s Hospital; Evelina London Children’s Hospital; Great Ormond Street Hospital, United Kingdom; 3Evelina London Children’s Hospital, United Kingdom; 4Great Ormond Street Hospital, United Kingdom
POSTERS

PLB019 IMPROVED LONG TERM OUTCOMES OF PANCREAS TRANSPLANTATION IN THE MODERN ERA
Anna Adamusiak
Guy’s Hospital, United Kingdom

PLB020 BENEFITS OF SIMULTANEOUS PANCREAS KIDNEY TRANSPLANTATION: A SINGLE CENTER 10 YEARS RETROSPECTIVE STUDY
Yingxin Fu\textsuperscript{1}; Wenli Song\textsuperscript{2}; Zhongyang Shen\textsuperscript{2}
\textsuperscript{1}Tianjin First Central Hospital, Tianjin China, China; \textsuperscript{2}Tianjin First Central Hospital, Tianjin China, China

PLB021 PREVENTION OF DESTRUCTION OF B-CELLS OF ISOLATED Pancreatic ISLETS CAUSED BY 5-NITRO-8-OXYQUINOLIN
Gabit G. Meyramov; Olivia-Nezryn Dupont; G.T. Kartbayeva; Altyau S. Shaybek; Yeelena M. Laryushina; Aset R. Alija; Aizhan G. Abdaimova-Meyramova
Buketov Karaganda State University, Kazakhstan

PLB022 BETTER PATIENT OUTCOMES AND EARLIER DIAGNOSIS OF BRAIN DEATH WITH TRANSCRANIAL AND CAROTID ARTERY DOPPLER ULTRASOUND
Basar Erdivanli; Kazancioglu Leyla; Ozdemir Abdullah
Recep Tayyip Erdogan University, Turkey

PLB023 UNEXPECTED LOSS OF ORGANS AFTER CONSENT TO ORGAN DONATION IN A BRAIN-DEAD PATIENT WITH SPONTANEOUS SUBARACHNOID HEMORRHAGE: ASEMPTOMATIC POLYCYSTIC KIDNEY DISEASE AND POLYCYSTIC LIVER DISEASE
Cagatay Erman Ozturk; Fatma Ulger; Mehtap Pehlivanlar Kucuk
Division of Intensive Care Faculty of Medicine Hospital of 19 Mayis University, Turkey

PLB024 IMPLEMENTATION OF CRITICAL THRESHOLD CONCEPT IN CLINICAL TRANSPLANTATION: NEW HORIZON IN DISTANCE LEARNING
Ajay Kumar Sharma\textsuperscript{1}; Ahmed Halawa\textsuperscript{1}; Arpan Guha\textsuperscript{1}; Julie Bridson\textsuperscript{1}; Denise Prescot\textsuperscript{1}; David Taylor\textsuperscript{1}
\textsuperscript{1}Royal Liverpool University Hospital, United Kingdom; \textsuperscript{2}Director of Masters Course In University of Liverpool, United Kingdom; \textsuperscript{3}University of Liverpool, United Kingdom

PLB025 EXAMINATION OF THE PROCESSES OF DONORS BETWEEN ADMISSION TO INTENSIVE CARE UNITS AND FAMILY APPROVAL IN YEAR 2016 IN BURSA/TURKEY.
Melike Aksu\textsuperscript{1}; Murat Ozturk\textsuperscript{2}; Huseyin Akistanbullu\textsuperscript{2}
\textsuperscript{1}Bursa Higher Specialization Training and Research Hospital, Turkey; \textsuperscript{2}Bursa Higher Specialization Training and Research Hospital, Turkey

PLB026 INCREASING INFLUENZA VACCINATION RATES IN SOLID ORGAN TRANSPLANT RECIPIENTS IN AN OUTPATIENT TRANSPLANT CENTRE
Jielin Song; Yan Ting Yeo; Puay Hoon Lee
Singapore General Hospital, Singapore

PLB027 BATS AND ORGAN DONATION — A CASE STUDY, LEARNING FROM CAUTIONARY TALES
Helen Mcmanus
South Central Organ Donation Services Team. Organ Donation and Transplantation. NHS Blood and Transp, United Kingdom

PLB028 PREDISPOSING FACTORS OF FAILED APNEA TEST DURING BRAIN DEATH DETERMINATION IN POTENTIAL ORGAN DONOR
Young Hwa Kim\textsuperscript{1}; Eun Young Kim\textsuperscript{2}
\textsuperscript{1}Seoul St. Mary'S Hospital The Catholic University of Korea, Division of Vascular and Transplantation, Republic of Korea; \textsuperscript{2}Seoul St. Mary’S Hospital The Catholic University of Korea, Division of Trauma and Surgical Critica, Republic of Korea

PLB029 IT HAS BEEN DETECTED IN THE EARLY STAGES OF BRAIN DEATH, DONOR CARE AND THE ROLE OF NURSING IN THE NUMBER OF ORGAN EXTRACTION.
Sevay Bozkus Aslan
Izmir Provincial Health Directorate, Turkey
PLB030   IMPORTANCE OF LIVER AND CADAVERIC RENAL TRANSMISSION TO LABORATORY FINDINGS AND IMPORTANCE OF COLD ISKEMI

Mürvet Çagri
Health Sciences University Bozyaka Education and Research Hospital / Izmir, Turkey

PLB031   COORENOR/FOEDUS PORTAL: ANALYSIS OF ORGANS' OFFERS RECEIVED BY ITALY FROM EU COUNTRIES BEFORE AND AFTER ITS INTRODUCTION

Daniela Peritore1; Claudia Carella2; Paola Di Ciaccio3; Lucia Rizzato2; Silvia Trapani2; Pamela Fiaschetti2; Antonino Montemurro1; Elena Del Sordo2; Annarita Caccio2; Letizia Lombardini2; Alessandro Nanni Costa2
1Centro Nazionale Trapianti, Rome, Italy; 2Centro Nazionale Trapianti, Rome, Italy

PLB032   EARLY ACUTE ANTIBODY-MEDIATED REJECTION (AMR) AFTER LUNG TRANSPLANTATION SUCCESSFULLY TREATED WITH C5 BLOCKADE

Yannick Muller; John-David Aubert; Julien Vionnet; Samuel Rotman; Vincent Aubert; Manuel Pascual
Lausanne University Hospital, Switzerland

PLB033   CRITICAL APPRAISAL OF EX-VIVO LUNG PERFUSION OF HUMAN DONOR ORGANS USING CT.

Sofie Ordies1; An Martens1; Adriana Dubbeldam1; Anna E Frick1; Maarten Vander Kuylen1; Sigi Nauwelaers1; Philippe Riniert1; Bruno Desschans1; Robin Vos2; Bart Vanaudenaarde1; Geert Verleden2; Johnny Verschakelen1; Dirk Van Raemdonck2; Stijn Verleden2; Arne Neyrinck1
1Uz Leuven, Belgium; 2Kuleuven, Belgium

PLB034   COMPOSITION OF THE WAITING LIST FOR LUNGS TRANSPLANTATION IN ITALY IN THE PERIOD 2014-2016

Daniela Peritore; Andrea Ricci; Lucia Rizzato; Silvia Trapani; Pamela Fiaschetti; Vincenzo Morabito; Alessandra Oliveti; Letizia Lombardini; Alessandro Nanni Costa
Centro Nazionale Trapianti, Rome, Italy

PLB035   LIVING DONOR LIVER TRANSPLANTATION USING ALPPS PROCEDURE: CASE REPORT

Deniz Balci; Elvan Onur Kirimker; Onur Keskin; Evren Ustuner; Ali Abbas Yilmaz; Suheyla Karadag; Volkan Baytas; Cihan Yurdarydin; Necati Ormeci; Abdulkadir Dokmeci; Meltem Bingol Kologlu; Kaan Karayalcin
Ankara University School of Medicine/Ibn-I Sina Hospital, Turkey

PLB036   DOES DUCT-TO-DUCT ANASTOMOSIS TECHNIQUE INFLUENCE ON THE INCIDENCE RATE OF BILIARY COMPLICATIONS AFTER LIVER TRANSPLANTATION?

Mahsa Tavakol1; Amirpasha Ebrahimi2; Hasan Emami Razavi2; Habibollah Dashti1; Abbas Alibakhshi2; Mohsen Nasin Toosi3; Nasir Fakhar1; Ali Jafarian1
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PLB037   A SYSTEMATIC REVIEW OF CURRENT MANAGEMENT OF BILE LEAKS FOLLOWING LIVER TRANSPLANTATION

Alexander Hinton
King’s College London, United Kingdom

PLB039   RISK FACTORS OF EARLY HEPATIC ARTERY THROMBOSIS IN THE ANTIPLATELETS AND ANTICOAGULATION ERA FOLLOWING LIVER TRANSPLANT

Andrea Monaco1; Davide Roccarina2; Giuseppe Fusai3; Brian R. Davidson4; Massimo Malago5; Charles Imber5; Dinesh Sharma1
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PLB040 LIVER RE-TRANSPLANTATION: SINGLE CENTRE EXPERIENCE WITH 100 CONSECUTIVE CASES
Jaroslav Chlupac1; Libor Janousek1; Pavel Trunecka1; Jiri Fronek1
1Transplant Surgery Dept, Institute For Clinical and Experimental Medicine - Ikem, Prague,, Czech Republic; 2Hepatogastroenterology Dept, Institute For Clinical and Experimental Medicine - Ikem, Prague,, Czech Republic

PLB041 DIABETES MELLITUS; EFFECTS ON OUTCOMES AND COMPLICATIONS IN LIVER TRANSPLANT RECIPIENTS.
Marjan Jeddi1; Pardis Rahmani1; Maryam Moini1; Kourosh Kazemi4; Alireza Shamsaefar4; Mohsenreza Mansourian4; Saman Nikbeghbalian4; Seyed Ali Malek-Hoseini4
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PLB042 LIVER TRANSPLANTATION RESULTS IN OUR CENTER NEWLY ESTABLISHED
Ihsan Yildiz1; Mehmet Zafer Sabuncuoglu2; Yavuz S Koca2; Filiz A. Solmaz2; Altuğ Senol2
1Süleyman Demirel Üniversitesi, Turkey; 2Süleyman Demirel Üniversitesi, TiP Fakültesi, Turkey

PLB043 PSYCHOLOGICAL RESPONSE AND QUALITY OF LIFE AFTER TRANSPLANTATION
Kyoung Ock Jeon1; Lee Jieun2; Kim Soon Il3; Bae Sun Hyoung3; Son Sunyoung4
1Organ Transplant Center, Severance Hospital, Yonsei University College, Republic of Korea; 2Organ Transplant Center, Severance Hospital, Yonsei University College of Medicine, Republic of Korea; 3Ajou University Department of Nursing, Republic of Korea; 4Gangnam Severance Hospital, Yonsei University College of Medicine, Republic of Korea

PLB044 “EVALUATION OF DISCARDED STEATOTIC LIVERS BY NORMOTHERMIC MACHINE PERFUSION: IS THERE A CHANCE TO INCREASE OUR DONOR POOL?”
Carlos Castro Benitez1; Alexandre Lopez2; Nassiba Beghdadi2; Marc-Antoine Allard2; Katsunori Imai2; Antonio Sa Cunha3; Daniel Cherqui3; Denis Castaing2; Eric Vibert2; René Adam2
1Inserm U935, Hôpital Paul Brousse, France; 2Hôpital Paul Brousse, France

PLB045 BIOLOGICAL CHARACTERIZATION OF EXTENDED CRITERIA LIVER GRAFTS.
Daniele Eliseo Dondossola; Lonati Caterina; Giulia Bassani; Alessia Kernik; Riccardo Merighi; Stefano Gatti; Giorgio Rossi
Irccs Ca’ Granda -Ospedale Maggiore Policlinico Milano - Preclinical Research Centre, Italy

PLB046 LIVER ABSCESSES IN LIVER TRANSPLANT RECIPIENTS
Isabel Lechuga; Pilar Del Pozo; Anisa Nutu; Maria García-Conde1; Iago Justo; Alberto Marcacuzco; Óscar Caso; Alejandro Manrique; Jorge Calvo; Álvaro García-Sesma; Félix Cambra; Carlos Jiménez
Hospital Universitario 12 de Octubre, Spain

PLB047 HUMAN PARVOVIRUS B19 INFECTIOUS DISEASE FOLLOWING LIVER TRANSPLANTATION
Zhenyu Zhu1; Zhou Shaotang2; Wang Hongbo2; Zhang Jiabin2; Ren Hui2; Liu Zhenwen2
1Beijing 302Hospital, China; 2Beijing 302 Hospital, China

PLB048 IMMUNOSUPPRESSION REGIME CHANGE OF TACROLIMUS TO ONCE DAILY IN LIVER TRANSPLANTATION IS SAFE AND PROMOTES ADHERENCE: A SYSTEMATIC REVIEW AND META ANALYSIS
Georgios Polychronidis1; Nils Vogeley1; Claudia Mack1; Max Heckler1; Pascal Probst1; Karl-Heinz Weiss2; Chistoph Michalski1; Arianeb Mehrabi1
1Klinik Für Allgemein- -Viszeral- Und Transplantationschirurgie,University Clinic Heidelberg, Germany; 2Klinik Für Innere Medizin, University Clinic Heidelberg, Germany

PLB049 PRESERVATION OF RENAL FUNCTION WITH EARLY USE OF MTOR INHIBITOR OR LATE CHANGE IN IMMUNOSUPPRESSION IN LIVER TRANSPLANTATION
Maria Lúcia Zanotelli; Mariana Pranke; Alfeu Fleck Jr; Guillermo Kiss; Marcos Mucenic; Eduardo Schlindwein; Ian Leipnitz; Mario Meine; Juliano Martini; Ajácio Brandão; Claudio Marroni; Guido Cantisani
Irmandade Santa Casa de Misericórdia de Porto Alegre - Porto Alegre - Rio Grande Do Sul - Brasil, Brazil
PLB050 CONCANAVALIN-A STIMULATED CD8+CD40L+ T-CYTOTOXIC LYMPHOCYTES AND DONOR AGE AS POTENTIAL SURROGATE BIOMARKER FOR HCV RECURRENT RISK IN LIVER TRANSPLANTATION
Francisco Boix; Jorge Eguia; Gema Gonzalez-Martinez; Rafael Alfaro; Jose A. Galian; Jose A. Pons; Santiago Llorente; Maria R Moya-Quiles; Alfredo Minguela; Francisco Sanchez-Bueno; Manuel Muro
Clinical University Hospital Virgen De La Arrixaca, Spain

PLB051 DO MESENCHYMAL STROMAL CELLS PROMOTE HLA SPECIFIC ANTIBODIES FORMATION AFTER INFUSION IN LIVER TRANSPLANT RECIPIENTS?
Morgan Vandermeulen; Gianni Maggipinto; Francois Joure; Yves Beguin; Olivier Detry
University Hospital of Liege, Belgium

PLB052 IMPACT OF DONOR-RECIPIENT GENETIC RELATIONSHIP ON OUTCOME OF LIVING DONOR LIVER TRANSPLANTATION. A SINGLE CENTER EXPERIENCE
Mahmoud Mohamed Abdelwahab Ali
Gastrointestinal Surgery Center, Egypt

PLB053 RESULTS OF BILIARY COMPLICATIONS WITH THE USE OF LIVER GRAFTS FROM 70 TO 94 YEARS.
Oscar Caso Maestro; Carlos Miguel Munoz Arce; Iago Justo Alonso; Alberto Marcacuzco Quinto; Carlos Jimenez Romero
Hospital Universitario 12 de Octubre, Spain

PLB054 PREDISPOSING FACTORS FOR THE DEVELOPMENT OF ARTERIAL COMPLICATIONS WITH THE USE OF LIVER GRAFTS ≥ 70 YEARS.
Carlos Miguel Munoz Arce; Oscar Caso Maestro; Iago Justo Alonso; Alberto Marcacuzco Quinto; Maria Garcia-Conde; Carlos Jimenez Romero; Alejandro Manrique Municio; Felix Cambra Molero; Sheila Adrian Araya Chavarria; Jorge Calvo Pulido; Alvaro Garcia Sesma
Hospital Universitario 12 de Octubre, Spain

PLB055 FIRST CASE OF LIVER RETRANSPANTATION USING DCD (DONOR AFTER CARDIAC DEATH) MAASTRICHT TYPE II
Iago Justo; Maria Garcia-Conde; Anisa Nutu; Pilar Del Pozo; Oscar Caso; Alberto Marcacuzco; Alejandro Manrique; Jorge Calvo; Felix Cambra; Alvaro Garcia-Sesma; Carlos Jimenez
Hospital Universitario 12 de Octubre, Spain

PLB056 USING NONAGENARIAN LIVER GRAFTS FOR TRANSPLANTATION. PRELIMINARY EXPERIENCE
Carlos Jimenez Romero; Oscar Caso Maestro; Carlos Miguel Munoz Arce; Felix Cambra Molero; Iago Justo Alonso; Sheila Adrian Araya Chavarria; Maria Garcia-Conde; Alberto Marcacuzco Quinto; Oana Anisa Nutu; Marina Perez-Flecha; Pilar Del Pozo Elso; Alejandro Manrique Municio; Alvaro Garcia Sesma; Jorge Calvo Puido
Hospital Universitario 12 de Octubre, Spain

PLB057 LIVER TRANSPLANTATION WITH GRAFTS OLDER THAN 70 YEARS IN RECIPIENTS < 60 YEARS VERSUS RECIPIENTS ≥ 60 YEARS.
Carlos Miguel Munoz Arce; Oscar Caso Maestro; Iago Justo Alonso; Maria Garcia-Conde; Alberto Marcacuzco Quinto; Sheila Adrian Araya Chavarria; Felix Cambra Molero; Alejandro Manrique Municio; Jorge Calvo Puido; Alvaro Garcia Sesma; Carlos Jimenez Romero; Oana Anisa Nutu; Marina Perez-Flecha; Pilar Del Pozo Elso
Hospital Universitario 12 de Octubre, Spain

PLB058 IMPACT OF HEPATITIS C VIRUS ON SURVIVAL OF PATIENTS UNDERGOING LIVER TRANSPLANTATION WITH HEPATOCELLULAR CARCINOMA
Maria Lúcia Zanotelli; Mariana De Andrade Pranke Da Silva; Alfeu Fleck Jr; Ane Costabeber; Guillermo Kiss; Marcos Mucenic; Eduardo Schlindwein; Ian Leipnitz; Mario Meine; Juliano Martini; Ajacio Brandão; Claudio Marroni; Guido Cantisani
Irmandade Santa Casa de Misericórdia de Porto Alegre - Porto Alegre - Rio Grande Do Sul, Brazil
**PLB059** IMMUNOHISTOCHEMICAL MARKERS FOR HEPATOCELLULAR CARCINOMA PROGNOSIS AFTER LIVER RESECTION AND LIVER TRANSPLANTATION
Bong Jun Kwak; Dong-Goo Kim
1Seoul St. Mary’s Hospital, Republic of Korea; 2Seoul St. Mary’s Hospital, Republic of Korea

**PLB060** CURATIVE SALVAGE LIVER TRANSPLANTATION IN CIRRHOTIC PATIENTS WITH HEPATOCELLULAR CARCINOMA: AN INTENTION-TO-TREAT ANALYSIS
Azoulay Daniel; De Haas Robert J.; Lim Chetana; Bhangui Prashant; Salloum Chady; Compagnon Philippe; Feray Cyrille; Luciani Alain
Henri Mondor, France

**PLB061** SALVAGE LIVER TRANSPLANTATION OR REPEAT HEPATECTOMY FOR RECURRENT HEPATOCELLULAR CARCINOMA: AN INTENT-TO-TREAT ANALYSIS
Azoulay Daniel1; Lim Chetana1; Shinkawa Hiroji2; Hasegawa Kiyoshi2; Bhangui Prashant3; Salloum Chady3; Gomez Ima4; Lahat Eylon5; Compagnon Philippe6; Feray Cyrille7; Kokudo Norihiro2
1Henri Mondor Hospital, France; 2Tokyo, Japan; 3Henri Mondor, France

**PLB062** INTENTION-TO-TREAT OUTCOMES OF PATIENTS WITH HEPATOCELLULAR CARCINOMA (HCC) AFTER MULTIDISCIPLINARY DECISION OF LIVER TRANSPLANTATION
Bérénice Charriere; Fabrice Muscari; Jean Marie Peron; Bertrand Suc
CHU Toulouse, France

**PLB063** MODIFIED MCCLUSKEY INDEX FOR MARGINAL DONORS, IN LIVER TRANSPLANTATION
Pilar Del Pozo; Iago Justo; Isabel Lechuga; Mana Garcia-Conde; Oana Anisa Nutu; Óscar Caso; Alberto Marcacuzco; Alejandro Manrique; Álvaro García-Sesma; Félix Cambra; Jorge Calvo; Carlos Jiménez
Hospital Universitario 12 de Octubre, Spain

**PLB064** URETERO-ILEOPLASTY FOR URINARY TRACT SALVAGE AFTER KIDNEY TRANSPLANTATION.
Xavier Matillon1; Ricardo Codas-Duarte2; Xavier Martin2; Hakim Fassi-Fehri2; Lionel Badet2
1Edouard Herriot Hospital, France; 2Department of Urology and Transplantation, Hôpital Edouard Herriot, Hospices Civils de Lyon, France

**PLB065** INCIDENTAL FINDING OF ACCESSORY SPLEEN ON RENAL PARENCHYMA INTO GERO TA’S FASCIA
Mehmet Fatih Yuzbasioglu; Nazmi Ozer; Emrah Cengiz; Onur Peker; Mustafa Goksu
1Gaziantep Dr. Ersin Arslan Training and Research Hospital Gaziantep, Turkey; 2Ceyhan State Hospital Adana, Turkey; 3Islahiye State Hospital, Turkey; 4Necip Fazil State Hospital Kahramanmaras, Turkey; 5AdiYaman University Medical School, Turkey

**PLB066** REPAIRMENT OF RENAL CRUSH INJURY: A CASE REPORT
Mehmet Fatih Yuzbasioglu; Onur Peker; Ozer Nazmi; Emrah Cengiz; Hatice Guzel
1Gaziantep Dr. Ersin Arslan Training and Research Hospital Gaziantep, Turkey; 2Necip Fazil State Hospital Kahramanmaras, Turkey; 3Ceyhan State Hospital Adana, Turkey; 4Islahiye State Hospital, Turkey; 5Sanko University Gaziantep, Turkey

**PLB067** THE INFLUENCE OF KIDNEY ALLOGRAFT ANATOMICAL ABNORMALITIES ON THE RESULTS OF LIVING DONOR TRANSPLANTATION.
Magdalena Kwapisz; Rafal Kieszek; Monika Bieniasz; Kalina JęDrzejko; Katarzyna SutKowska; Piotr Palczewski; Artur Kwiatkowski
1Department of General and Transplantation Surgery, Orlowski Transplantation Institute, Medical Unive, Poland; 2Department of Clinical Radiology, Medical University of Warsaw, Poland

**PLB068** OUR EXPERIENCE IN EN-BLOC KIDNEY TRANSPLANTATION INCLUDING PARTIAL BLADDER PATCH TECHNIC PATIENTS, INTO CHILDREN RECIPIENTS.
Caner Alparslan1; İSmail Sert2; Cem TuğMen3; Eren SoyaltıN4; Elif Perihan Öncel5; Demet Alaygut1; Belde Kasap Demir2; Önder YavaşCan6
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PLB069  RITUXIMAB AS MONOTHERAPY FOR THE TREATMENT OF CHRONIC ACTIVE ANTIBODY-MEDIATED REJECTION AFTER KIDNEY TRANSPLANTATION
Yannick Muller; Nseir Ghaleb; Samuel Rotman; Emmanuelle Catana; Délia Golshayan; Jean-Pierre Venetz; Vincent Aubert; Manuel Pascual
Lausanne University Hospital, Switzerland

PLB070  ANTIBODY-MEDIATED REJECTION OF KIDNEY GRAFTS: COMPARISON OF STANDARD THERAPY AND THERAPY WITH ADDITION OF BORTEZOMIB AND/OR RITUXIMAB
Teja Oblak1; Jelka Lindic1; Jakob Gabusek1; Radoslav Kveder1; Andreja Ales Rigler1; Andrej Skoberne1; Željka Vecenc Haler2; Spela Borstnar2; Nusa Avgustin3; Rafael Ponikvar3; Gregor Mlinsek3; Dusan Ferluga2; Nika Kojc2; Uros Godnov4; Damjan Kovac4
1University Medical Centre Ljubljana, Slovenia; 2Institute of Pathology, Medical Faculty Ljubljana, Slovenia; 3Faculty of Management, University of Primorska, Koper, Slovenia

PLB071  EARLY POSTTRANSPLANTATION LYMPHOPROLIFERATIVE DISORDER LIKE PICTURE IN A KIDNEY TRANSPLANT RECIPIENT: A CASE REPORT OF UNUSUAL FORM OF ACUTE REJECTION
Yasser Matter; Sheiri Khater; Mohamed Abbas; Mohammed Ashraf Fouda; Ayman Refaie; Muhammed Elhadeedy; Ahmed Denewar; Ahmed Elmovawfy; Hussein Sheashaa
Urology and Nephrology Center, Mansoura University, Egypt

PLB072  IMPACT OF AGE AND GENDER ON OCCURRENCE OF ACUTE REJECTION EPISODES AFTER LIVE DONOR RENAL TRANSPLANTATION: A SINGLE CENTER EXPERIENCE
Ahmed Megahed1; Ahmed Donia2; Mohamed Elsaid Mohamed3; Amir Elokely4; Mahmoud Khaled5
1Port Said University, Faculty of Medicine, Internal Medicine Department, Egypt; 2Urology - Nephrology Center, Mansoura University, Egypt; 3Dept. of Nephrology, Zagazig University, Egypt; 4Zagazig University, Faculty of Medicine, Egypt; 5Gamalia Hospital - Ministry of Health, Egypt

PLB073  EARLY FOCAL SEGMENTAL GLOMERULOSCLEROSIS AS A CAUSE OF DELAYED GRAFT FUNCTION WITH COMING ACUTE ANTIBODY REJECTION.
Keunmyoung Park1; Kee-Chun Hoong2; Jun-Ho Song3; Jiyoung Han4
1Inha University College of Medicine, Incheon, Republic of Korea, Republic of Korea; 2Department of Surgery - Transplantation, Inha University Hospital, Korea, Republic of Korea; 3Department of Internal Medicine - Nephrology, Inha University Hospital, Republic of Korea; 4Department of Pathology, Inha University Hospital, Republic of Korea

PLB074  ARE ANTIBIOTICS NEEDED DURING KIDNEY EX ‘VIVO’ NORMOTHERMIC PERFUSION (EVNP)? A SINGLE CENTRE ANALYSIS
Benedict Phillips1; Pankaj Chandak2; Raphael Uwechue2; Claire Van Nispen3; Carolyn Hemsley3; Chris Callaghan4
1Nephrology and Transplantation, Guy’s Hospital, London, United Kingdom; 2Nephrology and Transplantation, Guy’s Hospital, London, United Kingdom; 3Microbiology Department, Guy’s Hospital, London, United Kingdom

PLB075  AKI AND DCD KIDNEYS AS A RESEARCH PLATFORM FOR KIDNEY REGENERATION AND REPAIR: BRIDGING REGENERATIVE MEDICINE TO ORGAN TRANSPLANTATION.
Giuseppe Orlando1; Richard Danger2; Hayrettin Okut3; Benedetta Bussolati4; Lauren Edgar5; Emily Gall5; Riccardo Tamburrini6; Alan Farney7; Jeffrey Rogers2; Robert Stratta4; Sophie Brouard4; Steve Walker5; Christopher Bergman3
1Wfom, United States; 2University of Nantes, France; 3Wake Forest University Health Sciences, United States; 4University of Turin, Italy

PLB076  OUTCOME OF PREEMPTIVE VERSUS NON-PREEMPTIVE LIVE-DonOR KIDNEY TRANSPLANTATION IN UROLOGY AND NEPHROLOGY CENTER, MANSOURA UNIVERSITY
Muhammed Elhadeedy1; Yasser Alhendy2; Al Sayed Al Nahaf3; Ayman Refaie3
1Urology and Nephrology Center, Mansoura University, Egypt; 2Faculty of Medicine, Zagazig University, Egypt; 3Urology and Nephrology Center, Mansoura University, Egypt
PLB077 IMPACT OF A THERAPEUTIC PATIENT EDUCATION PROGRAM FOR ADULT KIDNEY TRANSPLANT RECIPIENTS ON MODIFICATION OF HEALTH BEHAVIORS AND QUALITY OF LIFE
Hélène Longuet; Laura Preteselle; Bénédicte Sautenet; Elodie Mérieux; Christelle Barbet; Jean-Michel Halimi; Philippe Gatault; Matthias Büchler
Nephrology, Chu Bretonneau, France

PLB078 SLEEP QUALITY IMPROVEMENT IN RENAL TRANSPLANT PATIENTS
Beenish Afzal; Shafiq Chughtai; Atul Bagul; Jean Scott
University Hospitals of Leicester, United Kingdom

PLB079 RANGE AND CONSISTENCY OF OUTCOMES REPORTED IN RANDOMIZED TRIALS CONDUCTED IN KIDNEY TRANSPLANT RECIPIENTS
Bénédicte Sautenet; Allison Tong; Jeremy Chapman; Anthony Warrens; David Rosenbloom; Germaine Wong; John Gill; Klemens Budde; Lionel Rostaing; Lorna Marson; Michelle Josephson; Peter Reese; Timothy Pruett; Nicole Evangelidis; Jonathan Craig
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PLB080 DEVELOPING CONSENSUS-BASED PRIORITY OUTCOME DOMAINS FOR TRIALS IN KIDNEY TRANSPLANTATION: A MULTINATIONAL DELPHI SURVEY WITH PATIENTS, CAREGIVERS AND HEALTH PROFESSIONALS
Bénédicte Sautenet; Allison Tong; Karine Manera; Jeremy Chapman; Anthony Warrens; David Rosenbloom; Germaine Wong; John Gill; Klemens Budde; Lionel Rostaing; Lorna Marson; Michelle Josephson; Peter Reese; Timothy Pruett; Camilla Hanson; Donal O’Donoghue; Helen Tam-Tham; Jean-Michel Halimi; Jenny Shen; John Kanellis; John Scandling; Kirsten Howard; Martin Howell; Nick Cross; Nicole Evangelidis; Philip Masson; Rainer Oberbauer; Rainer Oberbauer; Samuel Fung; Shilpa Jesudason; Simon Knight; Sreedhar Mandayam; Stephen Mcdonald; Steve Chadban; Tasleem Rajan; Jonathan Craig
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PLB081 CAN ACTUAL KIDNEY AGE IMPROVE GFR ESTIMATION IN KIDNEY TRANSPLANT RECIPIENTS?
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PLB082 THE FIRST YEAR EXPERIENCE ABOUT KIDNEY TRANSPLANTATION IN UNIVERSITY OF SULEYMAN DEMIREL
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PLB083 DONOR KNOWLEDGE OF PROVIDED INFORMATION — A PROSPECTIVE NATIONWIDE INVENTORY STUDY
Kirsten Kortram¹; Emerentia Spoon²; Sohal Ismail³; Daan Nieboer³; Frank D’Ancona³; Maarten Christiaans⁴; Ruth Dam⁵; Sijbrand Hofker⁶; Arjen Hoksbergen⁷; Karlijn Van Der Pant⁸; Raechel Toorop⁹; Jacqueline Van De Wetering⁹; Jan Ijzermans¹⁰; Frank Dor¹¹
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PLB084 ASSESSMENT OF DIABETES KNOWLEDGE AMONG RENAL TRANSPLANT RECIPIENTS WITH POST-TRANSPLANT DIABETES MELLITUS: KUWAIT EXPERIENCE
Nashwa Othman¹; Osama Gheith²; Torki Al-Otaibi³; Tarek Saied³; Medhat A Halimi³; Faisal Al-Refaei³; Heba Abdou⁴; Fatma Mahmoud⁴; Narayanan Nampoory⁴
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PLB085 ACUTE KIDNEY DYSFUNCTION WITH NO REJECTION (ADNR) IS ASSOCIATED WITH POOR OUTCOMES IN KIDNEY TRANSPLANT RECIPIENTS
François Paquot¹; Hans Pottel²; Catherine Bonvoisin²; Laurent Weekers³; Francois Jouret³
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PLB086 HYPOTHYROIDISM, A RARE CAUSE OF RHABDOMYOLYSIS AND ACUTE KIDNEY INJURY
Mahmoud Abdabou
Camyla Central Hospital, Ministry of Health, Egypt

PLB087 RAMADAN FASTING AND KIDNEY TRANSPLANTED RECIPIENTS: FRIEND OR FOE?
Yasser Matter; Ahmed Elmowafy; Hussein Sheashaa
Urology and Nephrology Center, Mansoura University, Egypt

PLB088 CHANGES OF THE CARBOHYDRATE METABOLISM AFTER KIDNEY TRANSPLANTATION AND EFFECTS ON THE CARDIOVASCULAR RISK
Bernadett Borda¹; Edit Szederkényi²; Zoltán Hódi²; Aurél Ottlakán²; György Lázár²
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PLB089 HAS THE EXPANSION IN EXTENDED CRITERIA DECEASED DONORS LEAD TO A DIFFERENT TYPE OF DELAYED GRAFT FUNCTION AND POORER OUTCOMES?
Richard Stevenson¹; Emma Aitken¹; Oliver Shapter¹; Karen Stevenson¹; Paul Shiels²; David Kingsmore²
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PLB090 CHOOSING BETWEEN SCYLLA AND CHARYBDIS: POLYOMA VIRAL NEPHROPATHY OR ACUTE REJECTION?
Rajinder Singh¹; Stavros Papachristos¹; John Blairley⁴; Titus Augustine⁴; Muir Morton¹
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**PLB091** Efficacy and Safety of New Direct Antiviral Therapy in Treatment of Chronic Hepatitis C Virus Infection Among Renal Transplant Recipients

Hanzada Mohammed Elmaghhabi1; Ahmed Yahia Elmowafy2; Ahmed Donia1; Ayman Refaie1; Ibrahim M Mabrouk3; Abdel-Monem Elhendy Yasser4; Reham Soliman4; Mohamed Elbasiony4; Mohammed Bakr1; Gamal Shiha4

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**PLB092** Safety and Efficacy of Low-Dose Cytomegalovirus Prophylaxis Regimens in Renal Transplant Recipients as an Economy-Saving Strategy: A Prospective Randomized Comparative Study.

Ahmed Mansour Abdel-Rahman1; Ehab Wahba Wafa2; Mohamed Ibrahim Atta3; Ayman Fathy Refaie2; Hussein Attia Sheashaa2; Essam Elsawy2; Hazem Hamed Saleh2; Ahmed Ibrahim Kamal2; Ashraf Genina3

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**PLB093** Successful Management of Late Onset Cytomegalovirus Induced Hemophagocytic Lymphohistiocytosis in Kidney Transplant Recipient After CABG

Torki Alotaibi1; Mohamed Adel1; Osama Gheit2; Hasaneen Abo-Atya1; Medhat A Halim3; Prasad Nair4; Tarek Said4; Khaled Abdulwabab4; Medhat Fouad4; Sheikha Al-Mohareb4

1OTC Kuwait, Kuwait; 2OTC, Kuwait; 3Ibn Sina Hospital, Sabah Area, Kuwait

**PLB094** Detection of HCV Related ImmunoLogic Markers and Its Impact on the Live Donor Kidney Transplant Recipient

Ahmed Denewar1; Mohammed Abbas2; Yasser Matter3; Husseine Sheashaa2; Ayman Refaie2; Ibrahim Abdalaal4

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**PLB095** Successful Treatment of Posttransplant Recurrent C3 GLOMERULOPATHY WITH ECULIZUMAB

Hatice Sahin; Guner Karaveli Gursoy; Ebru Gok Oguz; Kadir Gokhan AtiLgan; Gulay Ulusal Okyay; Hadim Akoglu; Basol Canbakan; Mehmet Deniz Alyi

Diskapi Yildirim Beyazit Education and Research Hospital, Turkey

**PLB096** Once-Daily MELTDOSEx Tacrolimus Formulation in Kidney Transplant Recipients: Evaluation of Renal Function in Caucasian Fast Tacrolimus Metabolizers

Barbara Suwelack1; Suphaimai Bunnapradist2; Daniel Stevens2; Wei Du4; Claudio Procaccianti2; Christoph Maas2; Klemens Budde2

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**PLB097** Pharmacokinetic Differences Following Morning and Evening Administration of Twice-Daily Tacrolimus

Marte Theie Gustavsen1; Karsten Midtedt1; Ida Robertsen2; Elisabet Størset1; Rolf Anton Klaassen1; Erlend Johannessen Egeland4; Nils Tore Vetche1; Stein Bergan5; Espen Nordheim5; Anders Åsberg3

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**PLB098** Thymoglobulin Induction is Associated with a Low Incidence of Acute Rejection in Low—Immunological Risk Kidney Transplant Recipients.

Jin Seok Jeon; Haekyung Lee; Soon Hyo Kwon; Dong Cheol Han; Hyunjin Noh

Soonchunhyang University Hospital, Republic of Korea
PLB099  ATHENA STUDY OUTCOMES ON ALLOGRAFT FUNCTION AFTER 12 MONTHS WITH EVEROLIMUS-CNI VS TACROLIMUS-MPA REGIMEN IN DE NOVO RENAL TRANSPLANT RECIPIENTS  
Duska Dragun; Claudia Sommerer; Barbara Suwelack; Peter Schenker; Ingeborg Hauser; Oliver Witzke; Christian Hugo; Nassim Kamar; Pierre Merville; Martina Junge; Friedrich Thaiss; Björn Nashan  
1Athena Study Group, Germany; 2Athena Study Group, France; 3Novartis Pharma Gmbh, Germany, Germany

PLB100  IMPACT OF THERAPEUTIC DOSE MONITORING OF MYCOPHENOLIC ACID ON THE OUTCOME OF LIVE-DONOR KIDNEY TRANSPLANT RECIPIENTS. A PROSPECTIVE CONTROLLED STUDY  
Ahmed Denewar; Ezzat Mostafa; Ayman Refaie; Mabrouk Ibrahim  
1Urology and Nephrology Center Mansoura University Egypt, Egypt; 2Faculty of Medicine, Zagazig University, Egypt; 3Mansoura Urology and Nephrology Center, Mansoura University, Egypt

PLB101  ADHESION OF IMMUNE SUPPRESSIVE DRUG TREATMENT AND QUALITY OF LIFE IN PATIENTS WITH RENAL TRANSPLANTATION.  
Hatice Güzel; Medet Korkmaz  
1Sanko University, Turkey; 2Sanko University, Turkey

PLB102  LONG-TERM OUTCOME OF INDUCTION IMMUNOSUPPRESSION USING ANTI-THYMOCYTE GLOBULIN VERSUS BASILIXIMAB IN KIDNEY TRANSPLANTATION  
Mohamed Taher F; Ehab Wafa W; Yasser Moniem El Hendy; Tamer Goda. M; Mohamed Mashaly; Ahmed Denewar  
1Urology and Nephrology Center Mansoura University Egypt, Egypt; 2Urology & Nephrology Center, Mansoura University, Egypt; 3Department of Nephrology Zagazig University, Egypt

PLB103  STANDARD IMMUNOSUPPRESSIVE PROTOCOL WITH OR WITHOUT BASILIXIMAB IN PEDIATRIC RENAL TRANSPLANTATION  
Rozita Hoseini; Ramin Zareiee  
Iran University of Medical Sciences, Iran

PLB104  KIDNEY GRAFT FUNCTION AND SURVIVAL ARE NOT ASSOCIATED WITH PARAMETERS OF BLOOD CONCENTRATIONS OF TACROLIMUS METABOLITES MI AND MIII  
Ewa Hryniewiecka; Jolanta Zegarska; Dorota Zochowska; Emilia Samborowska; Radoslaw Jazwiec; Agnieszka Borowiec; Maciej Kosieradzki; Slawomir Nazarewski; Michal Dadlez; Leszek Paczek  
1Department of Clinical Nursing, Medical University of Warsaw, Poland; 2Department of Immunology, Transplant Medicine and Internal Diseases, Medical University of Warsaw, Poland; 3Medical University of Warsaw, Poland; 4Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Warsaw, Poland; 5Institute Od Biochemistry and Biophysics, Poland; 6Department of General and Transplantation Surgery, Medical University of Warsaw, Poland; 7Department of General, Vascular and Transplant Surgery, Medical University of Warsaw, Poland

PLB105  GENE EXPRESSION OF MOLECULES IMPLICATED ON MTOR ROUTES IN RENAL BIOPSIES WITH REJECTION  
Maria V Victoria; Jesus De La Peña; Jorge Eguia; Gema Gonzalez-Martinez; Francisco Boix; Rafael Alfaro; Jose A. Galian; Alfredo Minguela; Maria R Moya-Quiles; Santiago Llorente; Manuel Muro  
Clinical University Hospital Virgen de la Arrixaca, Spain

PLB106  ANTI-HUMAN LEUKOCYTE ANTIGEN ANTIBODY MONITORING POST KIDNEY TRANSPLANTATION: A PROSPECTIVE STUDY  
Mohamed Abbas; Amir El-Okel; Ehab Wafa; Amani Ismail; Mohamed Moustafa; Ayman Refaie; Ahmed Kamal; Yasser Matter; Mona Abdel Rahim; Ahmed Akil  
1Urology & Nephrology Center, Mansoura University, Egypt; 2Internal Medicine Department, Nephrology Unit, Zagazig University, Egypt

PLB107  IMPACT OF PRE-TRANSPLANT ANTI-HUMAN LEUKOCYTE ANTIGEN ANTIBODIES CLASS I AND II ON LIVE KIDNEY TRANSPLANTATION OUTCOME  
Mahmoud Abdrabou  
Gamalya Central Hospital, Ministry of Health, Egypt
PLB108 CLINICAL VALIDATION OF A NOVEL ELISPOT-BASED IN VITRO DIAGNOSTIC ASSAY TO MONITOR CMV-SPECIFIC CELL-MEDIATED IMMUNITY IN KIDNEY TRANSPLANT RECIPIENTS
Ludwig Deml1; Bernhard Banas2; Dominik Steubl3; Lutz Renders3; Dominik Chittka1; Miriam Banas2; Thomas Wekerle4; Martina Koch5; Oliver Witzke6; Anja Mühlfeld7; Claudia Sommerer8; Antje Habicht9; Christian Hugo10; Thomas Hünig11; Monika Lindemann12; Traudel Schmidt13; Anne Rascle14; Sascha Barabas15; Ralf Wagner16; Bernhard Krämer17; Bernd Krüger18
1Lophius Biosciences, Germany; 2Department of Nephrology, University Medical Center Regensburg, Germany; 3Department of Nephrology, Klinikum Rechts Der Isar, Technical University Munich, Germany; 4Department of Surgery, Medical University of Vienna, Austria; 5Transplantation Immunology Research Group, University Medical Center Hamburg-Eppendorf, Germany; 6Departments of Nephrology and Infectious Disease, University Hospital Essen, Germany; 7Uniklinik Rth Aachen, Germany; 8Division of Nephrology, University Hospital Heidelberg, Germany; 9Transplantation Center, Ludwig-Maximilians-University Medical Center Munich, Germany; 10Department of Nephrology, Carl Gustav Carus University Medical Center Dresden, Germany; 11Institute of Virology and Immunobiology, University Medical Center Würzburg, Germany; 12Institute For Transfusion Medicine, University Medical Center Regensburg, Germany; 13Vth Department of Medicine, University Medical Center Mannheim, University of Heidelberg, Germany

PLB109 IMPACT OF DIABETES MELLITUS AND GLYCAEMIC CONTROL ON KIDNEY ALLOGRAFT HISTOLOGY
Maarten Coemans; Elisabet Van Loon; Evelyne Lerut; Pieter Gillard; Dirk Kuypers; Geert Verbeke; Maarten Naesens
Ku Leuven, Belgium

PLB110 THE EFFECTS OF OMEGA-3 POLYUNSATURATED FATTY ACIDS ON GLOMERULAR FILTRATION RATE, PROTEINURIA, CARDIOVASCULAR RISK MARKERS, INFLAMMATION AND FIBROSIS IN RENAL TRANSPLANTATION (ORENTRA).
My Svensson1; Ivar Anders Eide2; Trond Jenssen3; Finn Reinholt4; Anders Hartmann1; Erik Berg Schmidt5
1Akerhus University Hospital, Norway; 2Akerhers University Hospital, Norway; 3Department of Transplant Medicine, Oslo University Hospital, Rikshospitalet, Norway; 4Department of Pathology, Oslo University Hospital, Rikshospitalet, Norway; 5Department of Cardiology, Aalborg University Hospital, Denmark

PLB112 CAN ESTIMATED GLOMERULAR FILTRATION RATE BE A PREDICTOR FOR IMMEDIATE GRAFT FUNCTION IN LIVING DONOR KIDNEY TRANSPLANTATION?
Magdalena Kwapisz1; Rafał Kieszek1; Monika Bieniasz1; Kalina JęDrzejko1; Jolanta Gozdowska2; Artur Kwiatkowski1
1Department of General and Transplantation Surgery, Orlowski Transplantation Institute, Medical Unive, Poland; 2Department of Transplantation Medicine and Nephrology, Orlowski Transplantation Institute, Medical U, Poland

PLB113 EFFECTIVE AND SAFE SINGLE KIDNEY TRANSPLANTATION FROM PEDIATRIC DECEASED DONORS WITH ACUTE KIDNEY INJURY TO ADULT RECIPIENTS
Turun Song1; Tao Lin2
1West China Hospital of Sichuan University, China; 2West China Hospital, Sichuan University, China

PLB115 LACK OF COMMUNICATION BETWEEN TWO CENTERS PREVENTED TRASHING A KIDNEY FOR TRANSPLANT
Aynur Arslan1; ÇağAtay Erman Öztürk2; Birgul Tan1; Yarkın Kamıl YakupoğLu2
1Ondokuz Mayıs University Faculty of Medicine Hospital, Department of Organ and Tissue Transplant Co, Turkey; 2Ondokuz Mayıs University Faculty of Medicine Hospital, Department of INTensive Care, Turkey

PLB116 LIVE RELATED KIDNEY TRANSPLANTATION WITH RENAL DONORS MORE THAN 65 YEARS OLD
Kamlesh Parikh
Bhaiil Amin General Hospital, Vadodara, India

PLB117 SINGLE KIDNEY TRANSPLANTATION FROM PEDIATRIC DECEASED DONORS TO ADULT RECIPIENTS - EXPERIENCE OF A SINGLE CENTER IN CHINA
Turun Song1; Yamei Jiang2; Tao Lin2
1West China Hospital of Sichuan University, China; 2West China Hospital, Sichuan University, China
PLB118  EN BLOC KIDNEY TRANSPLANTATION OF PEDIATRIC DONORS LESS THAN 15 KG TO ADULT RECIPIENTS
Xavier Matillon; Ricardo Codas-Duarte; Hakim Fassi-Fehri; Sébastien Crouzet; Emmanuel Morelon;
Xavier Martin; Lionel Badet
Edouard Herriot Hospital, France

PLB119  THE INFLUENCE OF SURGICAL SITE INFECTIONS ON QUALITY OF LIFE IN LIVE KIDNEY DONORS
Kelly Muller1; R.C. Minnee2; H.J.A.N. Kimenai2; L.S. Ooms2; S. Janki3; E.N. Bossenbroek2; T. Terkivatan2;
J.N.M. Ijzermans2
1Erasmus MC, University Medical Center Rotterdam, The Netherlands; 2Erasmus Mc, University Medical Center Rotterdam, The Netherlands

PLB120  QUANTITATIVE STUDY OF THE BARRIERS TO DONATION IN THE SIKH COMMUNITY IN UK
Hari Bains1; Jaspreet Johal1; Darren Churchward1; Sarah Brand2; Shaﬁ Malik3
1University of Leicester, United Kingdom; 2University of Nottingham, United Kingdom; 3University Hospitals of Leicester, United Kingdom

PLB121  ARTERIAL HYPERTENSION AS RISK FACTOR FOR RENAL DISEASE IN LIVING KIDNEY DONORS
Julia Kerschbaum; Stefanie Bitter; Maria Weitlaner; Katrin Kienzl-Wagner; Hannes Neuwirt; Claudia Bomsmüller; Gert Mayer; Stefan Schneeberger; Michael Rudnicki
Medical University Innsbruck, Austria

PLB122  POST-TRANSPLANT GRAFT FUNCTION IS ASSOCIATED WITH MAJOR CARDIOVASCULAR EVENTS IN KIDNEY TRANSPLANT RECIPIENTS: A MULTICENTER COHORT STUDY.
Jae Yoon Park1; Yong Chul Kim2; Young Hoon Kim2; Jung Pyo Lee2
1Dongguk University Ilsan Hospital, Republic of Korea; 2Seoul National University College of Medicine, Republic of Korea; 3Asan Medical Center, Republic of Korea

PLB123  ALTRUISTIC KIDNEY DONATION AND USAGE OF THE ALLOCATIVE ALGORITHM IN THE NATIONAL CROSS-OVER PROGRAM
Pamela Fiaschetti1; Antonina Piazza1; Francesca Vespasiano1; Daniela Minutoli1; Margherita Gentile1;
Alessandra Olivetti1; Vincenzo Morabito1; Silvia Trapani1; Daniela Peritore1; Elena Del Sordo1; Antonino Montemurro1; Lucia Rizzato1; Alessandro Nanni Costa1
1Italian National Transplant Centre, Italy; 2San Camillo Hospital - Italian National Centre of Research, Italy

PLB124  DONOR CHARACTERISTICS OF INTESTINAL GRAFT IN TURKEY
Imren Yildirim1; Ismail Sert2; Cem Tugmen3
1Tepecik Education Research Hospital, Turkey; 2Tepecik Training and Research Hospital, Department of Organ Transplantation, Izmir, Turkey; 3Tepecik Training and Research Hospital, Department of Organ Transplantation, Izmir, Turkey

PLB125  PEDIATRIC HEART TRANSPLANTATION ON NORTH-WEST OF RUSSIAN FEDERATION
Maria Simonenko; Petr Fedotov; Tatiana Pervunina; Yulia Sazonova; Vadim Rubinchik; Kirill Malikov;
Andrei Bautin; Vladimir Krasnov; Vladimir Privorotskii; Dmitrii Zverev; Anastasia Polyakova; Lubov Mitrofanova; German Nikolaev; Michail Gordeev; Michail Karpenko
Federal Almazov North-West Medical Research Centre, Russian Federation

PLB126  SEVERE HYPOGAMMAGLOBULINEMIA AFTER HEART TRANSPLANTATION IS ASSOCIATED WITH SIGNIFICANT LOWER LEVELS OF DISTINCT SPECIFIC ANTIBODIES
Elizabeth Sarmiento; Patricia Muñoz; Iago Sousa; Paula Navas; Juan Fernandez-Yañez; Joaquin Navarro;
Eduardo Zatarain; Javier Carbone
Hospital General Universitario Gregorio Marañón, Spain

PLB127  SEVERE COMBINED IMMUNODEFICIENCY PROFILE AND OPPORTUNISTIC FUNGAL DISEASE IN HEART TRANSPLANTATION
Elizabeth Sarmiento; Alia Eworo; Patricia Muñoz; Juan Rodriguez-Molina; Juan Fernandez-Yañez;
Adolfo Villa; Maricela Valero; Jesus Guinea; Emilio Bouza; Javier Carbone
Hospital General Universitario Gregorio Marañón, Spain
Mursel Kahveci; Onder Kara; Murat Sahin; Selman Can
Amasya State Hospital, Turkey

PLB129 ORGAN DONATION AFTER EUTHANASIA: THE ROLE OF THE TRANSPLANT COORDINATOR, A CASE FROM PRACTICE
Janneke Vervelde
Lumc

PLB130 A WIDER DISCUSSION ABOUT ORGAN DONATION CAN BE STIMULATED THROUGH A TARGETED EDUCATION PROGRAMME FOR GENERATION Z
John Ayorinde¹; Veena Surendrakumar²; Mohammad Ayaz Hossain³
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PLB131 URGENT ORGAN RETRIEVAL FROM NON-HEART-BEATING DONOR WITH DECLARED BRAIN DEATH
Ihsan Yıldız¹; Yavuz S. Koca²; Mehmet Z. Sabuncuoğlu²
¹Süleyman Demirel Üniversitesi, Turkey; ²Süleyman Demirel Üniversitesi, Türkiye

PLB132 START OF THE FIRST RUSSIAN INTERDISCIPLINARY SOCIO-HUMANITARIAN STUDY FOR DECEASED ORGAN DONATION (OD)
Oleg Reznik¹; Andrey Skvortsov²; Aleksandr Reznik³; Olga Popova³; Pavel Tishchenko²
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PLB133 INTRAMYOCARDIAL IMPLANTATION OF AUTOLOGOUS BONE MARROW CELLS TREATED WITH ERYTHROPOIETIN IN ISCHEMIC HEART DISEASE SURGERY (6-MONTH RESULTS).
Alexey Fomichev; Alexander Chernyavskiy; Olga Poveschenko; Stanislav Minin; Nikita Nikitin
Siberian Biomedical Research Center Ministry of Health, Russian Federation

PLB134 TGF-B PRODUCTION BY GMSCS REGULATE B CELLS AND B CELL-MEDIATED SUPPRESSION OF T CELLS IN CHRONIC-GVHD
Jian Gu¹; Yunjie Lu¹; Xuhao Ni²; Hao Lu¹; Ling Lu¹
¹Department of Liver Transplantation Nanjing Medical University, China; ²The First Affiliated Hospital of Nanjing Medical University, China

PLB135 ORGAN TRANSPLANTATION FROM THE VIEWPOINT OF EMERGENCY MEDICINE PHYSICIANS
Meltem Akkas¹; Mehmet Cihat Demir²; Nalan Metin Aksu³
¹Hacettepe University, Turkey; ²Bafra Government Hospital, Turkey; ³Hacettepe University, School of Medicine, Emergency Department, Turkey

PLB136 IMPACT OF TEAM WORK AND ORGAN DONATION AWARENESS TRAINING ON ORGAN DONATION COUNT: EXAMPLE OF BURDUR PROVINCE
Azime Arisoy; Mehmet Metin Demir; Alper Teker
Ministry of Health Burdur Provincial Health Directorate, Turkey

PLB137 ATTEMPTS RELATED TO BRAIN DEATH DIAGNOSIS AND ORGAN DONATION BY BURSA STATE HOSPITAL
Canan Ates
Bursa State Hospital, Turkey

PLB138 STUDY ON EFFECTS OF PHYSICIANS TRAINING REGARDS TO CADAVERIC ORGAN DONATION IN BURSA
Yasemin Berkant
Bursa Provincial Health Directorate Organ Transplant Center Coordination Center, Turkey
PLB139 TURKISH NURSES' AND NURSING STUDENTS' ATTITUDES TOWARDS ABOUT ORGAN DONATION: A REVIEW OF THE LITERATURE
Burcu Akpinar Söylemez; Yaprak S. Ordin
1Dokuz Eylul University, Turkey; 2Dokuz Eylul University Faculty of Nursing Department of Surgical Nursing, Turkey

PLB140 RELEASE OF MEDIUM AND HIGH-SIZED HYALURONAN FRAGMENTS DURING EX VIVO PERFUSION OF THE RAT LUNG
Caterina Lonati; Andrea Carlin; Patrizia Leonard; Daniele Eliseo Dondossola; Riccardo Merighi; Stefano Gatti
1Fondazione Ircs Ca’ Granda Ospedale Maggiore Policlinico, Milano, Italy; 2University of Milan, Italy

PLB141 DONOR SPECIFIC ANTIBODIES AND C4D POSITIVITY ARE NOT ALWAYS RELATED TO SPECIFIC HISTOPATHOLOGICAL PATTERNS IN LIVER ALLOGRAFT
Antonij Slavcev; Zuzana Strizova; Eva Honsova; Market Rodova; Ilja Striz; Zuzana Sekerkova; Pavel Trunecka
Institute For Clinical and Experimental Medicine, Czech Republic

PLB142 A NEW MEDICAL DEVICE IN TRANSPLANTATION FOR LIVER TRANSPORT AND PRESERVATION
Monica Bibiana Jimenez-Castro; Francisco Camarena; Maria Eugenia Cornide-Petronio; Noé Jimenez; Jordi Gracia-Sancho; Carmen Peralta
1Transplant Biomedicals S.L., Spain; 2Instituto de Instrumentación Para Imagen Molecular, Universitat Politècnica de València, Csic, Spain; 3Institut D’Investigacions Biomèdiques August Pi I Sunyer (Idibaps), Spain; 4Liver Vascular Biology Research Group, Idibaps, Ciberehd, Spain

PLB143 MYELOID NOTCH1 DEFICIENCY ACTIVATES RHOA/ROCK PATHWAY AND AGGRAVATES HEPATOCELLULAR DAMAGE IN MOUSE ISCHEMIC LIVERS
Ling Lu; Xuhao Ni; Jian Gu; Yunjie Lu
1The First Affiliated Hospital of Nanjing Medical University, China; 2Nanjing Medical University, China

PLB144 MICRORNA-122 AS A BIOMARKER OF LIVER INJURY AND RECOVERY DURING NORMOTHERMIC REGIONAL PERFUSION IN DCD DONORS
Sukhchain Bansal; Emma Morrison; Andrew Sutherland; Fiona Hunt; James Dear; Gabriel Oniscu
Transplant Unit, Royal Infirmary of Edinburgh, United Kingdom

PLB145 REAL-TIME, IN VIVO MEASUREMENTS OF PYRUVATE METABOLISM IN THE LIVER AND KIDNEYS OF BRAIN-DEAD RATS WITH HYPERPOLARIZED [1-13C]-PYRUVATE MAGNETIC RESONANCE IMAGING.
Anne Van Erp; Haiyun Qi; Petra Ottens; Michael Pedersen; Henri Leuvenink; Christoffer Laustsen; Bente Jespersen
1University Medical Center Groningen, The Netherlands; 2Aarhus University Hospital, Denmark

PLB146 THE COMBINATION OF ULTRASOUND AND COLD STORAGE IMPROVES KIDNEY GRAFT VIABILITY AND SURVIVAL IN EXPERIMENTAL TRANSPLANTATION
Jordi Rovira; Marta Lazo-Rodriguez; Jose Gulfo; Monica B. Jimenez-Castro; Carmen Peralta; Fritz Diekmann
1Laboratori Experimental de Nefrologia i Trasplantament (Lenit), Idibaps, Spain; 2Centro de Investigación Biomédica de Enfermedades Hepáticas Y Digestivas, Spain; 3Transplant Biomedicals S.L., Barcelona, Spain; 4Protective Strategies Against Hepatic Ischemia-Reperfusion Injury Group’s -Idibaps, Spain; 5Department of Nephrology and Renal Transplantation, Hospital Clinico de Barcelona, Spain

PLB147 RESVERATROL ALLEVIATES INFLAMMATORY RESPONSES AND OXIDATIVE STRESS IN RAT KIDNEY IRI AND H2O2-INDUCED NRK-52E CELLS VIA NRF2/TLR4/NF-κB PATHWAY
Yi Zhang; Jiawei Li; Long Li; Ruiming Rong
1Biomedical Research Center, Institute For Clinical Sciences, Zhongshan Hospital, Fudan University, S, China; 2Department of Urology, Zhongshan Hospital, Fudan University, China
PLB148 IMMUNOGENICITY OF HLA-DRB MOLECULES  
Europa Azucena González-Navarro; Jordi Coll; Montserrat Digón Doral; Jaume Martorell Pons; Carles Serra-Pagès; Manel Juan  
1Servei D’Immunología. Hospital Clinic de Barcelona (Hcb), Spain; 2Institut D’Ensenyament Secundari Europa. Hospitalet de Llobregat, Spain

PLB151 THE COMMUNICATION BETWEEN THE PATIENTS’ RELATIVES AND THE PHYSICIANS IN INTENSIVE CARE UNITS WITH RESPECT TO BRAIN DEATH  
Faruk Cicekci; Iskender Kara; Inci Kara  
Selçuk University/Medical Faculty, Turkey

PLB152 DEMOGRAPHIC CHARACTERISTICS AND THE ROLE OF EDUCATIONAL ACTIVITIES ON THE CADAVERIC DONATIONS IN SAMSUN REGION OF TURKEY  
Mehmet Kazak  
Samsun Provincial Health Directorate Organ Transplant Center Coordination Center, Turkey

PLB153 DOES THE ESTABLISHMENT OF ORGAN TRANSPLANT CENTER EFFECT ON THE ORGAN DONATION IN THE REGION?  
İhsan Yildiz; Mehmet Z. Sabuncuoğlu; Yavuz S. Koca; Mehmet Z. Er  
1Süleyman Demirel Üniversitesi, Turkey; 2Süleyman Demirel Üniversitesi, Tip Fakültesi, Turkey

PLB154 NATIONAL FUNDINGS FOR PROCUREMENT COORDINATION TEAMS IN FRENCH HOSPITALS  
Hélène Logerot; Selda Salman; Patrice Guerrini; Olivier Bastien  
Agence de la Biomedecine, France

PLB155 ATTITUDE, KNOWLEDGE, AND INFORMATION SOURCES TOWARD ORGAN DONATION AMONG KUWAITIS: A SOCIOCULTURAL PERSPECTIVE  
Maha Al-Sejari  
College of Social Science, Kuwait University, Kuwait

PLB156 PREDICTORS OF CYTOMEGALOVIRUS INFECTION IN CHILDREN WITH RENAL TRANSPLANTATION, A SYSTEMATIC REVIEW AND META-ANALYSIS  
Rozita Hoseini  
Iran University of Medical Sciences, Iran

PLB157 DISRUPTION OF MYELOID NOTCH SIGNALING EXACERBATES HEPATOCELLULAR DAMAGE IN LIVER ISCHEMIA AND REPERFUSION INJURY  
Ling Lu; Shi Yue; Ronald W Busuttil; Jerzy W Kupiec-Weglinski; Bibo Ke  
1The First Affiliated Hospital of Nanjing Medical University, China; 2Division of Liver and Pancreas Transplantation, Department of Surgery, David Geffen School of Medicine, United States
Awards
YIA – Young Investigator Awards

The following ten best works, submitted to ESOT2017, are awarded on the basis of the quality of their contribution to donation and/or transplantation, as well as the highest score. Awards will be celebrated during the presentation sessions.

Fabian Halleck, Berlin, Germany

**OS092** ACCIDENTAL TRANSMISSION OF HEPATITIS C (HCV) VIRUS FROM AN ORGAN DONOR TO FIVE TRANSPLANT RECIPIENTS: EARLY TREATMENT WITH DIRECT ACTING ANTIVIRALS SUCCESSFULLY PREVENTS CHRONIC HCV INFECTION

**AUTHORS** Fabian Halleck 1, Klemens Budde 1, Jörg Hofmann 1, Ute Eisenberger 1, Kerstin Herzer 4, Martina Sterneck 5, Jens Gottlieb 6, Uwe Schulz 7, Michael Dürr 1

**AFFILIATIONS** Department of Nephrology, Charité University Medicine Berlin 1, Institute of Medical Virology, Charité Universitätsmedizin and Labor Berlin Charité-Vivantes GmbH 2, Department of Nephrology, University Hospital Essen, University Duisburg-Essen 3, Department of Gastroenterology and Hepatology, University Hospital Essen, University Duisburg-Essen 4, Department of Medicine, University Medical Center Hamburg-Eppendorf 5, Department of Respiratory Medicine, Hannover Medical School, Hannover 6, Department of Thoracic and Cardiovascular Surgery, Heart and Diabetes Center NRW, Bad Oeynhausen 7

Monday 25 September, Room 123, at 11:10

Session OS10 Infections other than CMV

Riccardo Tamburrini, Winston-Salem, United States

**OS241** SUCCESSFUL TRANSPLANTATION OF A HUMAN TISSUE ENGINEERED BOWEL (HTEB) IN AN ATHYMIC RAT MODEL

**AUTHORS** Riccardo Tamburrini 1, Elie Zakhem 2, Giuseppe Orlando 2, Kenneth L. Koch 4, Khalil N Bitar 2

**AFFILIATIONS** Wake Forest Baptist Health / Universita’ degli Studi di Pavia 1, Wake Forest Institute for Regenerative Medicine / Wake Forest School of Medicine 2, Wake Forest Baptist Health / Wake Forest School of Medicine 3, Gastroenterology Department / Wake Forest School of Medicine 4

Tuesday 26 September, Room 122, at 08.00

Session OS28 Intestinal transplants

Maarten Coemans, Leuven, Belgium

**OS265** SHORT AND LONG TERM GRAFT SURVIVAL AFTER KIDNEY TRANSPLANTATION IN EUROPE

**AUTHORS** Maarten Coemans 1, Caner Süsal 2, Geert Verbekke 3, Maarten Naesens 2

**AFFILIATIONS** Department of Microbiology and Immunology, University of Leuven 1, University of Heidelberg 2, Leuven Biostatistics and Statistical Bioinformatics Centre 3

Tuesday 26 September, Room 123, at 11.10

Session OS31 Kidney-transplantation expert session

Marc Lucia, Stanford, United States

**OS285** STRATEGY FOR ANALYSIS OF DONOR-SPECIFIC ANTIBODY REPERTOIRE: PAIRED IMMUNOGLOBULIN HEAVY AND LIGHT CHAIN ANALYSIS OF INDIVIDUAL MEMORY B CELLS

**AUTHORS** Marc Lucia 1, Alejandro Gomez 2, Oriol Bestard 3, William Robinson 2, Olivia Martinez 2

**AFFILIATIONS** Stanford, Department of Surgery 1, Stanford, Department of Medicine 2, IDIBELL, Hospital de Bellvitge, Experimental Nephrology Lab 3

Tuesday 26 September, Room 118+119, at 11:10

Session OS32 Adaptive immunity in rejection and infection

Jorge Malheiro, Porto, Portugal

**OS323** EARLY ANTIBODY-MEDIATED REJECTION C4D STATUS REMAINS A MARKER OF PROGNOSIS IN HLA-INCOMPATIBLE KIDNEY TRANSPLANTATION

**AUTHORS** Ana Castro 1, Jorge Malheiro 1, Sofia Santos 1, Sandra Tafuto 2, Leonidio Dias 1, La Salete Martins 1, José Ramón 1, António Castro-Henriques 1

**AFFILIATIONS** Centro Hospitalar do Porto 1, IPST 2

Tuesday 26 September, Room 123, at 11:10

Session OS35 ABMR: from diagnosis to treatment

Kamlesh Patel, Birmingham, United Kingdom

**OS331** HYPOTHERMIC MACHINE PERFUSION FOLLOWING STATIC COLD STORAGE IN DONATION AFTER CARDIAC DEATH CADAVERIC KIDNEYS: A UK POPULATION-BASED COHORT STUDY

**AUTHORS** Kamlesh Patel 1, James Hodson 1, Adnan Sharif 1, Melanie Field 1, Jay Nath 1, Nick Inston 1, Andrew Ready 2

**AFFILIATIONS** Queen Elizabeth Hospital Birmingham 1

Tuesday 26 September, Room 124, at 11:10

Session OS36 Clinical advances in kidney preservation
Andrea Schlegel, Birmingham, United Kingdom

**OS300 THE UK-DCD-RISK-SCORE – A NEW PROPOSAL TO DEFINE FUTILITY IN DCD LIVER TRANSPLANTATION**

**AUTHORS** Andrea Schlegel 1, Marit Kalisvaart 1, Irene Scala 1, Richard Laing 1, Hynek Mergental 1, Darius Mirza 1, Thamara Perera 1, John Isaac 1, Philipp Dutkowski 2, Paolo Muiesan 1

**AFFILIATIONS** Queen Elizabeth Hospital Birmingham 1, University Hospital Zurich 2

Tuesday 26 September, Room 120+121, at 11:10 Session OS33 - Approaching the limits in liver donation?

Abdul Hakeem, Cambridge, United Kingdom

**OS387 PANCREATIC ALLOGRAFT THROMBOSIS: SUGGESTION FOR A CT GRADING SYSTEM AND MANAGEMENT ALGORITHM**

**AUTHORS** Abdul Hakeem 1, John Chen 1, Satheesh lype 1, Menna Clatworthy 2, Christopher Watson 1, Edmund Godfrey 3, Sara Upponi 1, Kourosh Saeb-Parsy 1

**AFFILIATIONS** Addenbrookes Hospital, Transplant Surgery 1, Addenbrookes Hospital, Department of Medicine 2, Addenbrookes Hospital, Department of Radiology 3

Tuesday 26 September, Room 123, at 17:05 Session OS41 - Pancreas/islets. from pancreas procurement to transplantation – challenges and solutions

Nabil Melhem, London, United Kingdom

**OS441 MEDICATION NON-ADHERENCE IS A LEADING CAUSE FOR RENAL GRAFT LOSS IN CHILDHOOD – A LARGE CENTRE STUDY**

**AUTHORS** Nabil Melhem 1, Nadeesha Mudalige 1, Stacie Bowden 1, Graine Walsh 1, Helen Jones 1, Nicos Kessaris 2, Nizam Mamode 1, Jelena Stojanovic 1

**AFFILIATIONS** Evelina London Children’s Hospital 1, Guys & St Thomas NHS Foundation Trust 2

Wednesday 27 September, Room 124, at 08:00 Session OS47 - Pediatric transplantation

Yoshiki Wada, Sapporo, Japan

**OS431 EVEROLIMUS SUPPRESSES IGA DEPOSITION AND RECURRENCE OF IGA NEPHROPATHY AFTER KIDNEY TRANSPLANTATION**

**AUTHORS** Yoshiki Wada 1, Nobuyuki Fukuzawa 1, Hiroshi Harada 1

**AFFILIATIONS** Sapporo City General Hospital 1

Wednesday 27 September, Room 122, at 08:00 Session OS45 - Immunosuppression: challenges and refinements

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**Best Abstract Challenge Award**

The following 10 outstanding contributions have been selected by the ESOT2017 Scientific Programme Committee from all submitted abstracts, based on the overall referees’ scores, and will be presented during the ‘Best Abstract Challenge’ Session on Monday 25 September at 11:10 – 12:40. The audience will vote to select the 6 winners, to which these awards will be assigned. The winners will be celebrated at the end of the live voting.

**BAC001 OUTCOME AFTER KIDNEY TRANSPLANTATION IS INDEPENDENTLY PREDICTED BY DONOR RECIPIENT MATCHING BASED ON INDIRECTLY RECOGNIZABLE HLA EPITOPES**

Presented by Oliver Staack, Berlin, Germany

**AUTHORS** Oliver Staack 1, Matthias Niemann 2, Eric Spierings 3, Petra Reineke 1, Fabian Halleck 1, Dmytro Khadzhynov 1, Klemens Budde 1, Nils Lachmann 4

**AFFILIATIONS** Nephrology/ University Medicine Charité 1, PIRCHE 2, UMC Utrecht 3, Center for Tumor Medicine, H&I Laboratory, Charité University Medicine Berlin 4

**BAC002 A NOVEL COMPUTATIONAL MATCHING ALGORITHM FOR IMPROVING DONOR-RECIPIENT HISTOCOMPATIBILITY AND GRAFT OUTCOMES AFTER KIDNEY TRANSPLANTATION**

Presented by Vasilis Kosmoliaptsis, Cambridge, United Kingdom

**AUTHORS** Vasilis Kosmoliaptsis 1, Dermot H Mallon 1, J Andrew Bradley 1, Susan Fuggle 1, Christopher Watson 1, Craig J Taylor 1

**AFFILIATIONS** Department of Surgery, University of Cambridge 1, NHS Blood and Transplant 2

**BAC003 MHC-II DONOR PEPTIDES ACTIVATE HUMAN CD8+CD45RCLOW TREGS SECRETING IFNy, IL-10, IL-34 AND TGFβ TO INHIBIT HUMAN TRANSPLANT REJECTION**

Presented by Carole Guillonneau, Nantes, France

**AUTHORS** Séverine Bézie 1, Laetitia Boucault 1, Dimitri Meistermann 1, Véronique Daguin 1, Elodie Autrusseau 1, Frédérique Beller Waast 2, Franck Duteille 2, Ignacio Anegon 1, Carole Guillonneau 1

**AFFILIATIONS** INSERM UMR1064 - CRTI 1, CHU Nantes 2
BAC004 NORMOTHERMIC MACHINE PERFUSION VS STATIC COLD STORAGE IN LIVER TRANSPLANTATION: OUTCOMES FROM A RANDOMISED CONTROLLED TRIAL
Presented by David Nasralla, Oxford, United Kingdom
Authors David Nasralla1, COPE Liver Research Group2, Rutger Ploeg2, Constantin Coussios1, Peter Friend1
Affiliations Oxford Transplant Centre, Nuffield Department of Surgical Sciences, University of Oxford4, Oxford Transplant Centre, Nuffield Department of Surgical Sciences, University of Oxford4, Institute of Biomedical Engineering, University of Oxford1

BAC005 VALIDATION OF THE HOMEOSTATIC MODEL ASSESSMENT (HOMA) OF BETA CELL FUNCTION IN PANCREAS TRANSPLANTATION
Presented by James Barnes, Oxford, United Kingdom
Authors James Barnes1, Rachel Franklin2, Edward Sharples3, Peter Friend1, Stephen Gough2, Jonathan Levy2, Shruti Mittal3, Edward Sharples3, Peter Friend1, Stephen Gough2, Jonathan Levy2, Shruti Mittal3
Affiliations Oxford Transplant Centre, Nuffield Department of Surgical Sciences, University of Oxford4, Oxford Centre for Diabetes, Endocrinology and Metabolism2, Oxford Transplant Centre, Oxford University Hospitals NHS Foundation Trust3

BAC006 BORTEZOMIB IN LATE ANTIBODY-MEDIATED KIDNEY TRANSPLANT REJECTION – A DOUBLE-BLIND RANDOMIZED PLACEBO-CONTROLLED TRIAL (BORTEJECT STUDY)
Presented by Farsad Eskandary, Vienna, Austria
Authors Farsad Eskandary1, Heinz Regele2, Gregory Bond1, Nicolas Kozakowski2, Markus Wahrman1, Luis Hidalgo3, Helmut Haslacher4, Christopher C. Kaltenecker2, Marie-Bernadette Aretin5, Rainer Oberbauer1, Jeff Reeve6, Philip F. Halloran3, Georg A. Böhmig3
Affiliations Dept. of Nephrology and Dialysis, Medical University Vienna4, Institute of Clinical Pathology, Medical University Vienna2, Department of Laboratory Medicine and Pathology, University of Alberta3, Department of Laboratory Medicine, Medical University Vienna4, Pharmacy, General Hospital Vienna (AKH Wien)5, Alberta Transplant Applied Genomics Centre, ATAGC, University of Alberta6

BAC007 LOW INCIDENCE OF ACUTE REJECTION WITHIN THE SIX MONTHS AFTER TRANSPLANTATION IN HIV RECipients TREATED WITH Raltegravir, THE ANRS 153 TREVE TRIAL
Presented by Marie Matignon, France
Authors Marie Matignon1, Amani Lahiani2, Jean-Daniel Lelièvre3, Khadija Abbassi4, Dominique Desvaux1, Alpha Diallo4, Marie-Noelle Peraldi6, Anne-Marie Taburet5, Juliette Saillard5, Constance Delaugerre6, Dominique Costagliola7, Lambert Assoumou2, Philippe Grimbert1
Affiliations 1APHP, Nephrology and Transplant Unit, Henri Mondor Hospital, France; 2Sorbonne Universités, INSERM, UPMC Univ Paris 06, IPLESP UMRS 1136, France; 3APHP, Clinical Immunology Unit, Henri Mondor Hospital, France; 4APHP, Anatomopathology Unit, Henri Mondor Hospital, France; 5ANRS, Recerche Nord et Sud SIDA-HIV Hépatites, France; 6APHP, Nephrology and Transplant Unit, Saint Louis hospital, France; 7APHP, Pharmacology Unit, Hôpitaux universitaires Paris-Sud Bicêtre, France; 8APHP, Virology department, Saint Louis Hospital, France

BAC008 MISSING-SELF TRIGGERS NK MEDIATED MICROVASCULAR INJURIES AND CHRONIC REJECTION OF ALLOGENIC KIDNEY TRANSPLANTS
Presented by Alice Koenig, Lyon, France
Authors Alice Koenig4, Chien-Chia Chen7, Antoine Marçais1, Virginie Mathias3, Antoine Sicard4, Maud Rabeyrin5, Maud Racapé6, Jean Paul Duong-Van-Huyen7, Patrick Bruneval7, Sebastien Dussergy6, Stéphanie Ducreux3, Emmanuel Morelon4, Béatrice Charreau5, Thierry Defrance5, Valérie Dubois7, Thierry Walzer2, Olivier Thaunat1
Affiliations INSERM U 1111, Hospital Edouard Herriot1, INSERM U 1111, EFS Rhône-Alpes2, Hospital Edouard Herriot1, Hospices civils de Lyon5, Paris cardiovacular research center6, APHP2, SFR Biosciences8, INSERM UMR-S 10649

BAC009 SPECIFIC GENE EXPRESSION SIGNATURE OF COMPLEMENT-ACTIVATING DONOR SPECIFIC HLA ANTIBODY-MEDIATED REJECtion IN KIDNEY ALLOGRAFTS
Presented by Carmen Lefaucheur, Paris, France
Authors Carmen Lefaucheur1, Denis Viglietti1, Olivier Aubert1, Adriana Zeevi2, Philip Halloran3, Alexandre Loupy1
Affiliations Paris Translational Research Center for Organ Transplantation1, University of Pittsburgh Medical Center2, Albert Transplant Applied Genomics Center2

BAC010 MULTIPLE DOSING OF ANTI-C1S Antibody TNT009 - EFFECT ON HLA ANTIBODY-TRIGGERED COMPLEMENT ACTIVATION IN HEALTHY VOLUNTEERS AND KIDNEY TRANSPLANT RECIPIENTS WITH ANTIBODY-MEDIATED REJECTION
Presented by Jakob Mühlbacher, Vienna, Austria
Authors Jakob Mühlbacher1, Bernd Jilma2, Markus Wahrman3, Farsad Eskandary4, James C. Gilbert4, Sandip Panicker4, Georg Böhmig3
Affiliations Department of Surgery, Medical University of Vienna4, Department of Clinical Pharmacology, Medical University Vienna, Vienna, Austria2, Department of Medicine III, Medical University Vienna, Vienna, Austria, True North Therapeutics, Inc., South San Francisco, CA, USA4
**StrongerTogether Award**

**SUPPORTED BY:**
Belgian Transplantation Society  
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Catalan Society of Transplantation  
Swiss Transplantation Society  
Slovenija Transplant  
Societe Francophone de Transplantation

The award has been given to the largest group of abstracts (minimum 5) submitted by a single transplant centre/unit/institution/hospital. The winner is:

**ERASMUS MEDICAL CENTER**  
Rotterdam, The Netherlands

The award winner will be celebrated on Tuesday 26 September from 19:30 to 20:15 in the Rising Stars Lounge.

**StrongerTogether Pro Award**

This award has been given to the group of abstracts (minimum 5) submitted by a single transplant centre/unit/institution/hospital with the best average score amongst all group of abstracts submitted by single centres/units/institutions/hospitals. The winner is:

**PARIS TRANSLATIONAL RESEARCH CENTRE FOR ORGAN TRANSPLANTATION**  
Paris, France

The award winner will be celebrated on Tuesday 26 September from 19:30 to 20:15 in the Rising Stars Lounge.

**Best #ESOTtrustedPartner Award**

The #ESOTtrustedPartner awards will be given to the most active #ESOTtrustedPartner in the time period from 31.01.2017 until the Opening event of the Congress. A special tool will keep track of Social Media posts (via Twitter/LinkedIn/Instagram/Facebook).

The award winner will be celebrated on Tuesday 26 September during the coffee break at 15:35 in the ESOT Village.

Winners will be notified by 24.09.2017

**Euroliver Awards**

**SUPPORTED BY**

The EUROLIVER Foundation was set up in 1992 by the late Mr Herman TOB and Prof Jean-Bernard OTTE of the University Hospital St-Luc in Brussels, Belgium in order to support research projects in the field of liver transplantation and organ donation, and also to improve the psychosocial support of both future liver recipients and liver transplant patients. The award winners will be celebrated during the presentation Session.

**OS023**  
THE INTRODUCTION OF A DCD DONOR ASSESSMENT PATHWAY HAS INCREASED DCD REFERRALS, PROCEEDING DCD DONORS AND DECREASED THE RATE OF UNNECESSARY FAMILY APPROACHES FOR CONSENT

_Presented by Andrew Broderick, Bristol, United Kingdom_

**AUTHORS**  
Andrew Broderick

**AFFILIATIONS**  
NHS Blood and Transplant, United Kingdom

**OS290**  
IMPACT OF ‘RESCUE ALLOCATED’ LIVERS ON OUTCOMES AFTER LIVER TRANSPLANTATION: A PROPENSITY SCORE MATCHING ANALYSIS

_Presented by Mara Disabato, Paris, France_

**AUTHORS**  
Mara Disabato¹, Audrey Winter², Concepcion Gomez Gavara¹, Hassen Hentati¹, Chetana Lim¹, Chady Salloum², Eric Levesque², Cyrille Feray³, Daniel Azoulay¹, Philippe Compagnon¹

**AFFILIATIONS**  
Service de Chirurgie Hépato-Biliaire et Transplantation Hépatique, Hôpital Henri Mondor, APHP, Université Paris-Est, Créteil¹, Laboratoire de Biostatistique, IURC, Montpellier², Service de Réanimation Digestive, Hôpital Henri Mondor, APHP, Université Paris-Est, Créteil², Service d’Hépatologie, Hôpital Henri Mondor, APHP, Université Paris-Est, Créteil³, Service d’Hépatologie, Hôpital Henri Mondor, APHP, Université Paris-Est, Créteil⁴
Wiley Transplant International Award

SUPPORTED BY WILEY

We are pleased to introduce the Wiley Transplant International Award, given for outstanding original research that holds a broad potential impact on the advancement of transplantation. The recipient of the 2017 award published an original research article in Transplant International in 2016 and the article has been selected by Transplant International’s esteemed Associate.

Article title: MINIMIZATION OF MAINTENANCE IMMUNOSUPPRESSIVE THERAPY AFTER RENAL TRANSPLANTATION COMPARING CYCLOSPORINE A/AZATHIOPRINE OR CYCLOSPORINE A/MYCOPHENOLATE MOFETIL BITHERAPY TO CYCLOSPORINE A MONOTHERAPY: A 10-YEAR POSTRANDOMIZATION FOLLOW-UP STUDY

AUTHORS Antoine Thierry, Yann Lemeur, Laura Ecotière, Ramzi Abou-Ayache, Isabelle Etienne, Charlotte Laurent, Vincent Vuiblet, Charlotte Colosio, Nicolas Bouvier, Jean-Claude Aldigier, Jean-Philippe Rerolle, Vincent Javaugue, Elise Gand, Frank Bridoux, Marie Essig, Bruno Hurault de Ligny, Guy Touchard

The award winner will be celebrated on Tuesday 26 September from 19:30 to 20:15 in the Rising Stars Lounge.
Corporate symposia
Sunday 24 September, 13:00 - 14.30  Room 114

Value of immunoglobulins in the management of infectious diseases and donor specific antibodies
CHAIR: Florian Wagner, Hamburg, Germany

Strategies for prevention of CMV disease in thoracic patients
Florian Wagner, Hamburg, Germany

Successful treatment of early DSA after lung transplantation with IgM-enriched human intravenous immunoglobulins
Fabio Ius, Hanover, Germany

Prevention of HBV recurrence in liver Tx patients with HBIGs
Frederik Nevens, Leuven, Belgium

Monday 25 September, 13.00 - 14.00  Room 117

Immunosuppressive drug monitoring: the right dose for each patient
CHAIRS: Pierre Marquet, Limoges, France
Marta Crespo Barrio, Barcelona, Spain

13.00
Technical innovations and perspectives in therapeutic drug monitoring
Pierre Marquet, Limoges, France

13.15
Immunosuppressive drug monitoring: a transplant physician’s point-of-view
Frederick Nevens, Leuven, Belgium

13.30
Immunosuppressive drug monitoring: a transplanted patient’s perspective
Hakan Hedman, Sweden

13.45
Discussion

Sunday 24 September, 13:00 - 14:30  Room 118+119

Lunch symposium

Procare, a Dutch multicentric study to determine the clinical relevance of pre-transplant DSA
F.H. J. Claas, Immunogenetics & Transplantation - LUMC, The Netherlands

Latest developments in renal post-transplant monitoring
Michael Spigarelli, VP Medical Affairs, Immucor

Monday 25 September, 13.00 - 14.00  Room 115

Different patients, different needs. Can we do more?
CHAIR: J. Pascual, Spain

Patients with ‘recognised’ sensitivity to tacrolimus pharmacokinetics: risk factors and implications for treatment
L. Furian, Italy

Patients with ‘hidden’ sensitivity to tacrolimus pharmacokinetics: identification and management
K. Budde, Germany
Monday 25 September, 13.00 - 14.00  Room 116

Precision medicine in transplantation: reclassifying graft rejection and injury with the molecular microscope
CHAIR: John J. Friedewald, Northwestern University, Feinberg School of Medicine
Philip F. Halloran, Alberta Transplant Applied Genomics Centre
Georg Bohmig, Medical University of Vienna
Carmen Lefaucheur, Paris Transplant Group
Luciano Potena, University of Bologna
Andreas Zuckermann, Medical University of Vienna
Antoine Roux, Foch Hospital of Paris

Monday 25 September, 18.00 - 19.30  Auditorium

Fighting for survival: can we COMMIT to improving transplantation outcomes?
CHAIR: Wolf Bechstein, Frankfurt University Hospital and Clinics, Germany
18.00 - 18.10 Welcome & introduction from the chair
Wolf Bechstein, Frankfurt University Hospital and Clinics, Germany
18.10 - 18.25 Long-term survival: Can we do better in kidney transplantation?
Daniel Serón, University Hospital Vall d’Hebron, Spain
18.25 - 18.40 Long-term survival: Can we do better in liver transplantation?
Manuel Rodriguez-Perálvarez, Hospital Reina Sofía, Spain
18.40 - 19.10 How can we do better? Implementing the COMMIT guidance
Prof. James Neuberger, Queen Elizabeth Hospital, United Kingdom
Dirk Kuypers, University Hospitals Leuven, Belgium
19.10 - 19.25 Panel Q&A
Wolf Bechstein, Frankfurt University Hospital and Clinics, Germany
19.25 - 19.30 Summary and close
Wolf Bechstein, Frankfurt University Hospital and Clinics, Germany

Tuesday 26 September, 13.00 - 14.00  Room 111+112

CHAIR: Julio Pascual, Spain
Perspectives on patient populations – living donors
Stefan Berger, The Netherlands
How could emerging clinical evidence impact daily treatment options?
Claudia Sommerer, Germany

Tuesday 26 September, 17.00 - 18.30  Room 115

Infection and rejection in solid organ transplantation: improving outcomes in CMV & AMR
17.00 - 17.05 Welcome and Introductions
Nassim Kamar
17.05 - 17.30 AMR: transplant glomerulopathy and emerging therapies
Robert A. Montgomery
17.30 - 17.55 CMV: overcoming therapeutic limitations with emerging therapies
Camille Nelson Kotton
17.55 - 18.20 Interactive Panel Discussion (Clinical cases and current issues in AMR and CMV management)
All faculty
18.20 - 18.30 Audience Q&A and discussion
Exhibition
| 01 | Organ Recovery Systems          |
| 02 | Chiesi                         |
| 03 | Novartis                       |
| 04 | Neovii Pharmaceuticals          |
| 05 | Ecosystem Bar                  |
| 06 | Astellas                       |
| 07 | Teva                           |
| 08 | Astellas                       |
| 09 | Organ Assist                   |
| 10 | ESOT Village                   |
| 11 | One Lambda                     |
| 12 | Macopharma                     |
| 13 | Dr. F. Köhler Chemie           |
| 14 | Biotest                        |
| 15 | Institut George Lopez          |
| 16 | Transplant Connect             |
| 17 | Coloplast                      |
| 19A| Immucor                        |
| 19 | Turkish Transplant Foundation  |
| 20 | E3 Cortex                      |
| 21 | Ecolab                         |
| 22 | XVIVO Perfusion                |
| 23 | Qiagen                         |
| 24 | Organox                        |
| 25 | Oxford Immunotec               |
| 26 | S.A.L.F. Spa                   |
| 27 | Fresenius Medical Care         |
| 28 | The Transplantation Society    |
| 29 | Bridge to Life                 |
| 30 | Hansa Medical                  |
| 31 | Wiley                          |
| 32 | Transmedics                    |
| 33 | Maastricht University M.C.     |
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www.baskent.edu.tr
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Bridge to Life
Bridge to Life Ltd. is the exclusive distributor of Belzer UW® Cold Storage Solution and Belzer MPS™ (Machine Perfusion Solution); which are widely used by abdominal organ transplant centres across the world. Belzer MPS is currently being used for pumping kidneys and livers in the COPE, HOPE and DHOPE multinational studies. Both solutions are CE marked (Class III Medical Device) and can be stored at room temperature. In addition to the Belzer solutions we also sell CE marked cannulae in Europe, and cannulae and hi-flow tubing in the USA.
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orders@B2LL.com
Tel: +44 (0)20 3194 4291

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www.biotest.com
Contact: Alexandra Schulz
alexandra.schulz@biotest.com
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www.dafoh.org
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www.koehler-chemie.de
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ngirerd@e3cortex.fr
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Contact: Marleen Jonkman
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Tel: +31 (0)575 599 281

European Renal Association - European Dialysis and Transplant Association (ERA-EDTA)

With more than 7,000 members, the ERA-EDTA is one of the biggest nephrology associations worldwide leading European nephrology and one of the most important and prestigious European Medical Associations. It organizes annual congresses, it organizes and supports educational courses, it produces guidelines, collects data and performs epidemiological studies. It supports fellowships and research projects. Its publications are NDT and CKJ (open access). It also has a new online Educational platform: the European Nephrology Portal (ENP). The 2018 Congress will be held in Copenhagen (Denmark) from May 24 to May 27. Visit the booth to receive more information!

www.era-edta.org
Contact: Monica Fontana
ripa@era-edta.org
+39 051989078
EU Projects’ Booth - COPE & BioMargin
The booth showcases EU funded projects that ESOT is involved in namely ‘COPE’ investigating kidney and liver machine preservation techniques and new perfusion solutions through three international clinical trials and two experimental work programmes as well as ‘BioMargin’ aiming at discovering and validating robust non-invasive biomarkers for the follow up of renal grafts. Both projects are also presenting on Sunday 24 September.
www.cope-eu.com / www.biomargin.eu
Contact: Margaux Laspeyres
margaux.laspeyres@nds.ox.ac.uk
Tel: +44 1865 226185

Fresenius Medical Care
Therapeutic Apheresis is a ‘special care’ division of Fresenius Medical Care. Harmful pathogens occur in many clinical settings such as various autoimmune diseases or genetically impaired metabolic disorders. Immunosorba® and GLOBAFFIN® are two specific blood adsorber columns mainly used for the treatment of autoimmune diseases and antibody mediated transplant rejections. In patients suffering from severe liver failure, elimination of toxins by dialysis is not enough because here albumin-bound toxins have to be removed too. With Prometheus®, Fresenius Medical Care offers a therapy system that combines adsorption and hemodialysis methods to remove albumin-bound and water-soluble substances from the blood.
www.freseniusmedicalcare.com
Contact: Horst Christmann
infocongresses@fmc-ag.com
Tel: +49 6172 6090

Glycorex Transplantation AB
Glycorex Transplantation is a Swedish med-tech company. Our main product Glycosorb®-ABO reduce anti-A/B (IgG and IgM) antibodies in human plasma through A/B antigen specific binding. The medical device has been used since 2001 to facilitate more than 3000 ABO-incompatible transplants, mainly kidney, but also liver, heart, lung and stem cells. It is currently used in 25 countries on four continents. Children less than 1 year of age and adults weighing more than 100 kg have been treated successfully and normally 1-3 treatments are required prior to the transplant. Excellent short- and long-term results have been reported.
www.glycorex.se
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www.hansamedical.com
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www.immucor.com
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www.immudex.com
Contact: Stephen T. Haley
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Tel: +1 (301) 606 9145

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Institut Georges Lopez consists of a network of subsidiaries located worldwide. This means we are never far from our customers and so can help them to meet their local challenges. IGL design, manufacture, and market proprietary and equivalents products for organ preservation classified as drugs or medical devices. IGL, WMS and IGL AL, together, represent a key player in the world of organ preservation, uniquely positioned by providing a comprehensive offer for the organ storage. We strive to be the worldwide reference in organ preservation technologies. Our work is inspired by our commitment to consistently meeting customer and regulatory requirements, to delivering quality products and to providing an innovative and comprehensive offer for organ preservation.

www.groupe-igl.com
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cm@igl-transplantation.com
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International Liver Transplantation Society – ILTS
ILTS promotes and disseminates multidisciplinary scientific advances in liver transplantation worldwide.

ilts.org
Contact: Sumiko Tanaka
ilts@ilts.org
Tel: +49 30246030

Lophius Biosciences GmbH
Lophius Biosciences is a privately-held German biotechnology company focusing on the development and marketing of innovative immune diagnostic systems to improve therapy control and personalized treatment of patients in the area of transplantation, infectious and autoimmune diseases. The company’s developments are based on its expertise in cell-mediated immunity as well as on its proprietary T-activation® and Reverse T Cell Technology platforms. With its T-Track® CMV leading product, Lophius offers a highly sensitive, reliable and standardized CE-marked in vitro diagnostic solution to measure the functionality of CMV-specific cell-mediated immunity. T-Track® CMV assists clinicians in the risk stratification of CMV disease in immunocompromised patients, toward an improved and individualized patient management.

www.lophius.com
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Tel: +49 (0) 941 630919783

Maastricht University Medical Centre
Webased digital interactive Education Programme Organ Donation. In most countries a vast disparity exists between the demand for donor organs and its supply. Therefore, the Maastricht University Medical Centre developed a digital interactive school-based organ donation education program by internet to prepare adolescents and others to make a well-informed decision about organ donation. The Programme has a unique database in which a very great various amount of figures, statistics about the using, appreciation, behaviours of the users are gathered and can be used to improve the Programme. The Programme is available in various languages.

www.organdonationeducation.org
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Emile.schaeken@mumc.nl
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www.neovii.com
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info@neovii.com
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Contact: Ricardo Ordonez
ricardo.ordonez@thermofisher.com
Tel: 818 449 3271

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Organox
www.organ-assist.nl
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Organ Recovery Systems
Organ Recovery Systems is the global market-leading provider of organ preservation products and services, supporting 225 transplant programs in 34 countries with the LifePort Kidney Transporter and the gold-standard in preservation solutions, UW solution (SPS-1) and UW machine perfusion solution (KPS-1). Organ Recovery Systems is committed to advancing organ preservation for transplantation by developing innovative medical devices and support systems to preserve and protect donor organs, helping clinicians transform outcomes post-transplantation. Organ Recovery Systems continue to lead in the development of new technology with the LifePort Liver Transporter, which is undergoing regulatory review in the US and EU.

Organ Recovery Systems
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www.tts.org
Contact: Amanda Mayer
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Tel: +1 514 874 1717 ext. 215

**TPM-DTI**

TPM-DTI Foundation is an international non-profit organization committed to raise organ donation by providing counsel and support to international entities, and to the public and private health sector in the creation, development and strengthening of networks, programs and services related to the donation and transplantation of organs, tissues and human cells. Transplant Procurement Management (TPM®) is an educational program that since 1991 has trained over 12,000 participants from 102 countries. TPM courses are designed to adapt the contents to the specific needs of the diverse countries’ situation.

www.tpm.org
Contact: Gloria Páez
infotpm@tpm.pcb.ub.es
Tel: +34 93 403 76 87
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TransMedics Inc. is the global leader in donor organs physiologic preservation, optimisation and assessment for transplantation using the Organ Care System (OCS™) technology platform.
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Contact: Eileen Dionisio
edionisio@transmedics.com
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www.trasplantandosonrisas.org
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mariap.gomez@dtifoundation.com
Tel: +34 675 991 331

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www.transplantconnect.com
Contact: John Piano
contact@transplantconnect.com
Tel: +1 310 392 1400

Turkish Transplantation Foundation
Founded in 1995, Turkish Transplant Foundation (TTF) takes into consideration the latest developments in organ, tissue and cell transplantation services. Being aware of the high social responsibility of working as an NGO in the field of organ transplantation and operating in cooperation with all constituting actors, our mission is to contribute to the improvement of donation and transplant services at the highest level, both nationwide and worldwide. TTF is also the institutional coordinator of International Transplant Network (ITN), the technical assistance and collaboration project on organ donation and transplantation focused on developing countries.
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Contact: Pär-Ola Larsson
info@xvivoperfusion.com
Tel: +46 317882150
Scientific programme

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