The biennial congress of ESOT will take place in the capital of Europe – the theme for the meeting is ‘From the Heart of Europe to the World of Transplantation’. ESOT 2015 will build on the recent very successful meetings in Vienna and Glasgow with all forms of modern educational and training aids in use. Besides different State of the Art sessions dealing with several, still burning questions about organ donation and transplantation, many important European contributions in the field of organ and tissue transplantation as well as procurement will be highlighted. Attention will also be given to the European view in relation to ethical and legal aspects in the field of donation and transplantation.

This is Brussels calling
Brussels is the thriving centre of Europe.

Brussels is home to the European Commission, Parliament and NATO, a buzzing, influential city where history is made. The city is a key European commercial hub too, a base for many progressive international companies. But more than that, Brussels is a compact city, friendly, positive, cosmopolitan, easy to get around. For a major European capital, Brussels is surprisingly eco-friendly too, peppered with parks and green spaces. A walk through Brussels takes you through a potted architectural history, from ancient medieval buildings to strikingly modern edifices, taking in the Art Nouveau styling of illustrious architect Victor Horta along the way.

We look forward to seeing you at a very fruitful and memorable congress in the capital of the European Union!

Jan Lerut and Dirk Van Raaemdonck,
Congress Chairs

What we are planning

The Scientific Program Committee is made up of a blend of ESOT leaders, internationally established experts and young and talented transplant physicians, surgeons and scientists, all active in the various fields of transplantation. What are we planning for Brussels 2015? We want to set up a congress that reflects the “global” dimension that transplantation has acquired over the years. Indeed, today transplantation ranges from cells, to isolated organs, multi-organs and even composite tissue allograft transplantation. It is performed on all continents, requires the collaboration of a high number of distinct specialist areas, and is still the focus of burgeoning clinical and basic research. But there is more to it than that!

We are facing exciting times where the idea of organ transplantation is being expanded to a broader concept of functional organ replacement, in which new technologies are likely to play a prominent role in the very near future. Realization of ideas such as organ regeneration, bio-engineering or 3D-printing may be around the corner. The ambition of this Congress is to present the highlights of transplantation today and what we think they might be tomorrow!

We will strive to capture this diversity in the development of the scientific program so that, whether young or old, scientist, surgeon or physician, whether looking for up-to-date knowledge on daily clinical practice or cutting edge research, every attendee can be sure to find a relevant and stimulating session.

We welcome your contributions and to sharing latest researches and clinical cases.

Daniel Abramowicz and Thierry Berney
SPC Chairs
Top 10 Reasons to Attend:

1. Enjoy a stimulating rejuvenated format with a focus on interaction and information exchange AND the latest developments in the field of transplantation.
2. Be inspired, educated, connected and entertained.
3. Moving "Beyond the Horizon" – with experts and innovative thinkers from all fields.
4. Understand the latest trends in biomarkers, biologicals and immunosuppression and how this may change patient care.
5. Learn about the latest discoveries in the science of transplantation and aging.
6. Experience translational research and recent developments at the interjunction between basic science and clinical care.
7. Attend courses addressing the greatest surgical or immunological challenges.
8. Discuss present and upcoming challenges in transplantation: where business, legislation and medicine/science meet.
9. Present your work and be selected as a case/topic for focused discussions – guided and instructed by key opinion leaders in the field.
10. Get engaged in this interactive meeting and take an active role in shaping the future of transplantation research and medicine.

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# Scientific Program Overview

## Sunday, September 13

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<tr>
<th>Time</th>
<th>Events</th>
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</thead>
<tbody>
<tr>
<td>09.00 - 12.50 h</td>
<td>Corporate Parallel Symposia</td>
</tr>
<tr>
<td>13.00 - 14.30 h</td>
<td>Organ Donation Meeting by EDTCO</td>
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<tr>
<td>14.45 - 16.15 h</td>
<td>Corporate Plenary Symposium</td>
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<tr>
<td>16.30 - 19.00 h</td>
<td>Opening &amp; Plenary Session 1 ESOT meets the World</td>
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<tr>
<td>19.00 - 20.00 h</td>
<td>Brief Oral Sessions</td>
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<tr>
<td>19.00 - 22.00 h</td>
<td>Networking Event A Night at the Square</td>
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## Monday, September 14

<table>
<thead>
<tr>
<th>Time</th>
<th>Events</th>
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<tbody>
<tr>
<td>08.00 - 09.00 h</td>
<td>Full Oral Sessions</td>
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<tr>
<td>09.10 - 10.40 h</td>
<td>Brief Oral Sessions</td>
</tr>
<tr>
<td>10.40 - 11.10 h</td>
<td>State of the Art 1 Global warming in transplantation</td>
</tr>
<tr>
<td>11.10 - 12.40 h</td>
<td>State of the Art 2 Beyond the horizon: humoral responses in transplantation</td>
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<tr>
<td>13.00 - 14.00 h</td>
<td>State of the Art 3 Decision tree or lottery: allocating grafts and therapies</td>
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<tr>
<td>13.00 - 14.00 h</td>
<td>Corporate Parallel Symposia</td>
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<tr>
<td>14.05 - 15.35 h</td>
<td>Plenary Session 2 Of men and machine</td>
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<tr>
<td>15.35 - 16.00 h</td>
<td>Coffee break</td>
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<tr>
<td>16.00 - 17.00 h</td>
<td>Beyond the Horizon The future of human body</td>
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<tr>
<td>17.00 - 18.00 h</td>
<td>Beyond the Horizon The race of tolerance with regenerative medicine</td>
</tr>
<tr>
<td>18.00 - 19.30 h</td>
<td>Full Oral Sessions</td>
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<tr>
<td>18.00 - 19.30 h</td>
<td>Corporate Plenary Symposium</td>
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## Specialty Symposia

- Liver & Invention by EITCA
- Pancreas & Invention by EPTA
- ESOT/ESC/ESC/FOCARSCES Joint Symposium
- Thrombology & ECTT
- Nephrology Symposium
- Transplant Immunology by TAP
- Professional Development by TAMP
- ESOT/ED/ED/ED/ED Committee Complex

## Plenary Session 1
ESOT meets the World

## Opening & Brief Oral Sessions
- Author Speed dating Opening
### Tuesday, September 15

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08.00 - 09.00 h</td>
<td>Full Oral Sessions</td>
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<tr>
<td>09.10 - 10.40 h</td>
<td>State of the Art 4: The new frontier: transplantation across antibody barriers</td>
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<tr>
<td>10.40 - 11.10 h</td>
<td>Coffee break</td>
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<tr>
<td>11.10 - 12.40 h</td>
<td>Full Oral Sessions</td>
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<td>Corporate Parallel Symposia</td>
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<tr>
<td>14.05 - 15.35 h</td>
<td>Plenary Session 3</td>
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<tr>
<td>15.35 - 16.00 h</td>
<td>Coffee break</td>
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<tr>
<td>16.00 - 17.00 h</td>
<td>Plenary Session 3</td>
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<tr>
<td>17.00 - 18.30 h</td>
<td>Full Oral Sessions</td>
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<tr>
<td>18.30 - 19.30 h</td>
<td>ESOT GENERAL ASSEMBLY</td>
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### Wednesday, September 16

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<th>Time</th>
<th>Event</th>
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<tr>
<td>08.00 - 09.00 h</td>
<td>Full Oral Sessions</td>
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<tr>
<td>09.10 - 10.40 h</td>
<td>State of the Art 7: Immunosuppression: is the pipeline empty?</td>
</tr>
<tr>
<td>10.40 - 11.10 h</td>
<td>Coffee break</td>
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<tr>
<td>11.10 - 13.00 h</td>
<td>Beyond the Horizon</td>
</tr>
<tr>
<td>13.00 - 13.30 h</td>
<td>Presidential Session &amp; Honorary Membership Ceremony</td>
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### Who should attend?

The target audience for this conference includes all fields involved in health care and research with an affiliation in transplantation. This includes but is not limited to:

- **Transplant surgeons**
- **Physicians of all fields with an involvement in transplantation**
- **Coordinators, Nurses**
- **General surgeons and clinicians with an interest in transplantation**
- **Transplant scientists**
- **Nutrition and rehabilitation specialists and coordinators**
- **Transplant pharmacists**

Further, health care professionals with an involvement in treatment of organ failure, cell therapy, tissue and regenerative medicine are warmly welcome to our conference.
ESOT 2015 Brussels Congress Local Organizing Committee

Chairs:
Jan Lerut
Dirk Van Raemdonck

Members:
Olivier Detry, Liège (ULG)
Vincent Donckier, Brussels (ULB)
Patrick Eurard, Mont-Godinne (UCL)
Jacques Pirenne, Leuven (KUL)
Xavier Rogiers, Ghent (UG)
Bernard Stockman, Aalst (OLV)
Martin Wissing, Brussels (VUB)
Dirk Ysebaert, Antwerp (UA)

ESOT 2015 Scientific Program Committee

Chairs:
Daniel Abramowicz, Antwerp, Belgium
Thierry Berney, Geneva, Switzerland

Members:
Patrizia Burra, Padua, Italy  Franco Citterio, Rome, Italy  Edward Geissler, Munich, Germany  Denis Glotz, Paris, France  Maarten Naesens, Leuven, Belgium  Gabriel Oniscu, Edinburgh, United Kingdom  Andreas Pascher, Berlin, Germany  Luciano Potena, Bologna, Italy  Axel Rahmel, Leiden, The Netherlands  Olivier Thaunat, Lyon, France  Teun van Gelder, Rotterdam, The Netherlands  Thomas Wekerle, Vienna, Austria

ESOT 2015 Organizing Executive

Thierry Berney
Jan Lerut
Maarten Naesens
Gabriel Oniscu
Olivier Thaunat

ESOT 2015 Sponsorship Advisory Committee

Thierry Berney, Geneva, Switzerland
John Forsythe, Edinburgh, United Kingdom
Stefan Schneeberger, Innsbruck, Austria
Annalisa Ponchia, ESOT Executive Officer

ESOT 2014 – 2015 Council

President: John Forsythe, Edinburgh, United Kingdom
Past President: Carla Baan, Rotterdam, The Netherlands
Secretary: Thierry Berney, Geneva, Switzerland
Treasurer: Stefan Schneeberger, Innsbruck, Austria

Councillors:

Members:
Lionel Badet, Lyon, France – VCA Committee Chair  D.L. Bensdorp – The Netherlands  Lisa Burnapp, Bristol, United Kingdom – EDTCO Chair  Undine Gerlach, Berlin, Germany – YPT Committee Chair  Sir Peter Morris, London, United Kingdom – CET Director  Paolo Muiiesan, Brimingham, United Kingdom – ELITA Chair  Rainer Oberbauer, Vienna, Austria – EKITA Chair  Vassilios Papalois, London, United Kingdom – Education Committee Chair  Rutger Ploeg, Oxford, United Kingdom – Ambassador Committee Chair  Luciano Potena, Bologna, Italy – ECTTA Chair  Johann Pratschke, Innsbruck, Austria – EPITA Chair  Willem Weimar, Rotterdam, The Netherlands – ELPAT Chair  Thomas Wekerle, Vienna, Austria – Basic Science Committee Chair

Executive Officer: Annalisa Ponchia, Padua, Italy
SPECIALTY UPDATE SYMPOSIA
Sunday, September 13, 2015

08.45 – 12.50 → Specialty Update Symposium: Advances and challenges of Liver Transplantation for HCV liver cirrhosis

08.45 – 09.00 → Introduction

Session 1: Liver Transplantation for patients with HCV Liver Cirrhosis

Liver transplantation for HCV liver cirrhosis in Europe – results from the ELTR

The new weapons and their combinations: the present and 5 year outlook

Expected epidemiologic changes in the liver transplant lists in Europe

The availability of new DAAs through Europe

Session 2: The new treatments for Hepatitis C in liver transplant candidates and recipients

New regimens in listed patients and ELITA recommendations

New regimens for post transplant HCV disease recurrence and ELITA recommendations

Cost effectiveness and sustainability of the new regimens

The point of view of the patient

ELITA in pills: The European Liver and Intestine Transplantation Association is a multidisciplinary Society of health professionals in liver and intestine transplantation which is the official professional society delegated by ESOT for liver and intestine transplantation in Europe.

Goals: To provide a range of educational activities, stimulate discussion and influence European legislation in liver and intestine transplantation. In partnership with the European Liver Transplant Registry to stimulate clinical research and publications from analysis of the registry.

Aim: Our aim is to set guidelines and standards and to provide education and support in liver and intestine transplantation within the European Countries.

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.
09.00 – 12.50 → Specialty Update Symposium: Future Challenges in Pancreas and Islet Transplantation

Session 1: The future of therapy of diabetes

Is pancreas tx still justified?

Is islet tx justified?

We do not need either – we have insulin and technology

Session 2: Scaffolding and encapsulation – The future

The first clinical experience with scaffolding in Insulintherapy

Stem cells are the future

Encapsulation

EPITA in pills: 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.

Aim: 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.

Objectives: To review recent developments in pancreas and islet transplantation. To aim for an excellent graft survival despite increasing challenges in organ quality.

Target audience: Transplant surgeons and physicians, transplant coordinator, nurses and medical student with an interest in transplantation of pancreas and islets.
09:00 – 12:50 → EKITA-DESCARTES Joint Symposium:
Personalization in Transplantation

Definition of sensitization (including solid phase technologies) – stratification and impact on the success of the Transplant

Impact of sensitization on the waiting time – Simulations of real world data

Cost-effectiveness of ABO-incompatible kidney transplantation and kidney paired donation

Diagnosis and Treatment of ABMR based on the individual immunologic profile

Novel tools/biomarkers to stratify diagnosis, prognosis and prediction using omics technologies

iTransplant: bioinformatics tools to predict success

Q&A to personalization in transplantation – live polls

EKITA in pills: 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 renal transplantation through activities in research, education, clinical collaboration and health policy.

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.
**Session 1: Thoracic organ donor management: setting the standards and pushing the limits**

Report from the consensus conference on thoracic organ donors: recommendations and unmet needs.

**Debate:** How to improve transportation and reconditioning of lungs:
- reconditioning while warm perfusion
- cold transportation and then bench reconditioning

How to optimize heart preservation and recovery

Resuscitating and transplanting a non-beating heart: “it-could-work!”

**Session 2: Controversy and new knowledge in the management of machines and immunity**

**Debate:** Optimize transplantation timing in VAD patients on the waiting list:
- Only stable VAD patients should be transplanted
- Only complicated VAD patients should be transplanted

Modalities, indications and outcomes of patients needing ECMO support before lung transplantation

Clinical manifestations and diagnosis of lung AMR

Mechanisms of antibody mediated injury: looking for therapeutic targets

**ECTTA in pills:** 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.

**Aim:** 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.

**Objectives:** To provide updates on the etiologies, mechanisms, treatment strategies and diagnostic tools of early and late dysfunction of the transplanted heart and lungs. The lectures will focus on the main strategies and mechanisms leading to graft dysfunction starting from donor and organ management, to prevention of long-term chronic immunological injury leading to graft impairment.

**Target audience:** Cardiologist, Pneumologists, Cardio-thoracic surgeons, Anesthesiologists, Transplant coordinators.
09.00 – 12.50 → Specialty Update Symposium:
VCA: Where are the limits, what is the future?

Limitations and results of face transplantation
Limitations and results of upper limb transplantation
Laryngeal and Tracheal transplantation

2nd Part: Joint Session Basic Science & Vascularized Composite Allotransplantation
Chronic rejection in VCA: from myth to reality
Contributions of tissue engineering in VCA
What have we learned from animal models in VCA?

VCA in pills: VCA has opened a new era in the field of transplantation, reconstructive and restorative surgery. This committee brings together 10 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.

Objectives:
+ Understand the risks and limits of face and upper limb transplantation
+ Discuss and implement new data to characterize chronic rejection
+ Discuss the contribution of animal models in VCA
+ Discuss alternatives strategies for patients’ management

Target audience: Surgeons, physicians, researchers, transplant coordinators.
09.00 – 12.50 → Specialty Update Symposium
Living donor kidney exchange: Medical, Ethical, Legal, and Psychological Issues

The ethics of encouraging donation to a stranger
Unspecified donors and domino-paired chains
Acceptability of public solicitation, the role of social media
The legal debate on anonymous donation
Psychological outcomes after unspecified donation
Ethical and practical issues of breaking anonymity

ELPAT in pills: 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.

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.

10:00 – 16:00 → Organ donation meeting:
Donation at the end-of-life: routine rather than exception

The overall best interests of the dying patient
End-of-life care practices in Europe
Public awareness and engagement
Family approach
Engagement of critical care professionals

EDTCO in pills: EDTCO is a section within ESOT dedicated to donation and procurement activities.

Goals: Increase organ and tissue availability; Ensure the quality and safety of organs and tissues for transplantation; Optimise the safety of living donors and care for deceased donors and their relatives; Optimise potential recipient care and follow-up through effective clinical coordination.

Aim: To establish clinically effective programmes in organ and tissue donation, procurement and transplantation by supporting and representing all healthcare professionals involved in the process.

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.
09:00 – 12:50 → 1st ESOT Education Campfire

Educational sessions, in an interactive campfire setting, are scheduled throughout all morning offering participants the ideal opportunity to benefit from expertise and engage in enthralling topical discussions on the following areas.

European Transplant Fellowship and Mentorship Programs. The time has come to learn from each other

This is where you discuss:
- New avenues in transplant education, training and professional development.
- Transplant programs across Europe

Keep Calm, you are not alone with your decision: The MDT is here to help

This is where you discuss:
- Decision making when part of a multidisciplinary transplant team

Tools to deal with the information Tsunami. How to become an Information Master

This is where you discuss:
- How to master the tsunami of medical information
- Quality lifelong learning

The DO’s and DON’Ts of starting and growing a new transplant program

This is where you discuss:
- The Aim and the Motivation
- The Best Approach for a deep-rooted and long lasting program

Who should attend: Any Transplant Professional from Senior to Generation Y

The Education Committee is dedicated to:
- Promoting the overall educational philosophy and programs of ESOT
- Organising and supporting the advanced courses which are part of the formal ESOT education pathway
- Collaborating with the ECs of Transplant Societies across Europe and beyond to promote transplant education in a mutually beneficial way
- Provide quality control for the UEMS-ESOT Exams in Transplantation, Surgery, Medicine, Coordination and Immunology

Talk to me and I will forget. Teach me and I might remember. Involve me and I will learn!!!

— Benjamin Franklin
SUNDAY, 13 SEPTEMBER

16.30 – 19.00 OPENING & PLENARY SESSION 1
ESOT Meets the World

Welcome addresses by the Congress Chairs

Meet the transplantation world’s acclaimed scientific leaders. We bring together a view from different Regional Societies to discuss opportunities and challenges in Transplantation, with:

The American Society of Transplantation (AST)
The Asian Society of Transplantation (AST)
The Middle East Society of Transplantation (MESOT)
The South Latin American & Caribbean Society of Transplantation (STALYC)

Keynote presentation I: Building a more Social Europe, One Step at a Time

| KEY LEARNING: | → Overview of transplantation in cultural divers Regions |
|              | → Donation Policies                                    |
|              | → Politics                                            |
|              | → Social, cultural and religious impact of organs transplantation |

Who should attend: General interest, Government and Regulatory Bodies

19:00 - 20:00 Opening of the ‘Authors Speed Dating’ appointments
Parallel Sessions Opening

Networking Dinner: A night at the Square

MONDAY, 14 SEPTEMBER

09.10 – 10.40 STATE OF THE ART 1
Global warming in transplantation

Cool is beautiful

Can we escape global warming?

Keeping the heart warm and the lungs breathing

The dawn on the new ice age

| KEY LEARNING: | → Increasing the Organ Pool, Quality and Quantity |

Who should attend: Surgeons, Scientists, Coordinators
MONDAY, 14 SEPTEMBER

09.10 – 10.40  STATE OF THE ART 2
B-yond the horizon: humoral responses in transplantation
Humoral responses: basic concepts in cinemascopes!
Antibody-mediated graft injuries
Antibody-independent functions of B cells in allograft rejection
B cells not always the bad guys: B cell regulatory functions

09.10 – 10.40  STATE OF THE ART 3
Decision tree or lottery: allocating grafts and therapies
Tailor made organ allocation
Tailor made surgery
Tailor made immunosuppression
Tailor made post transplant follow up?

11.10 – 12.40  Special Focus Session: The Devil’s Advocate
Moderated discussion forum on recent major publication on Clinical Science

13.00 – 14.00  Future Leaders Forum by YPT
The next generation for leadership roles organizes this gathering to create the backdrop where ideas develop, connections are made and inspiration grows.
Gran round talk with representatives from:
ILTS (International Liver Transplant Society) Vanguard Committee
ASTS (American Society of Transplant Surgeons) Vanguard Committee
ESOT – YPT (Young Professional in Transplantation) Committee
BTS (British Transplant Society) Carrell Club
Who should attend: younger physicians, surgeons and scientists who have an interest in transplantation

14.05 – 15.35  PLENARY SESSION 2
Of men and machine
Ethics of artificial organ
Printing the human body
Artificial organs: a step towards the bionic man?

Keynote presentation II: The bionic man

Who should attend: General interest

KEY LEARNING: Artificial Organs
**MONDAY, 14 SEPTEMBER**

**16.00 – 17.00 BEYOND THE HORIZON 1**
*The future of the human body*

Giving Birth to Uterus Transplantation

Neural stem cells for spinal cord repair – Ready to walk the talk?

Changing the face of transplantation

**KEY LEARNING:**
- Unusual Transplants and novelties
- The clinical scope and ethical dimensions of uterus transplantation for targeted induction of pregnancy
- State-of-the-art knowledge on the impact of neural stem cell transfer in the treatment of paraplegia

Who should attend: General interest, no specialization required

**16.00 – 17.00 BEYOND THE HORIZON 2**
*The race of tolerance with regenerative medicine*

The Odyssey of tolerance induction in solid organ transplantation

The promises of regenerative medicine

Racing against or complementing each other?

**KEY LEARNING:**
- The long and dynamic history of the concept of immunological tolerance
- What the young regenerative medicine is already up to
- How these two approaches can be combined to brighten the future of transplantation

**17.00 – 18.00 HOTT Project Workshop**
The HOTT project is the first international research project funded by the European Commission that addresses trafficking in human beings for the purpose of organ removal. The project aims to increase knowledge and information, raise awareness and improve the non-legislative response to this new but neglected form of human trafficking. During the HOTT project workshop, project researchers will present their research results and recommendations and initiate an active discussion with the audience about what transplant professionals can do to help prevent and deter this form of crime.

**Organ trafficking anno 2015: the latest insights**
Revealing the modus operandi of organ trafficking networks

Tackling organ trafficking: a prosecutor’s perspective

Transplant professionals should breach their secrecy oath

**17.00 – 18.00 ESOT meets the Editors**
Round table and interactive session with questions from the floor to Editors in Chief from major Scientific Journals.
09.10 – 10.40  STATE OF THE ART 4
Markers and makers of success and failure

Personalized medicine and precision medicine in solid organ transplantation
Drinking from the fire hose – a critical appraisal of biomarkers in transplantation
Facing the hurdles to clinical implementation of novel biomarkers
Biomarker implementation in clinical practice: the regulatory agency’s perspective

KEY LEARNING: → Personalized Medicine

Who should attend: Physicians and Translational Researchers

09.00 – 10.40  STATE OF THE ART 5
The new frontier: transplantation across antibody barriers

Squaring the circle: Hybridizing desensitization with paired exchange
Acceptable mismatches, past and future
ABO incompatible liver transplantation
Autoantibodies against the graft, do they mean anything?

09.10 – 10.40  STATE OF THE ART 6
The enemy within: improving compliance and drug levels

Intra-patient variability of drug concentrations as a predictor of non-adherence
Risk factors of poor adherence, prevention and education in adult
New tools to detect non-adherence
The journey from adolescence to adulthood

11.10 – 12.40  Guess what? Striking clinical cases by Education Committee
Interactive and very instructive session where difficult cases and difficult decisions will be addressed as in a quiz. Win confidence and solve the problem.

11.10 – 12.40  Special Focus Session: The Devil’s Advocate
Moderated discussion forum on recent major publication on Basic Science
**TUESDAY, 15 SEPTEMBER**

**13.00 – 14.00** Rising Stars Video Session by YPT

New methods not always become ‘public’, we are going to look for hidden rising stars to make them visible! This session is reserved for innovative projects or methodology that will be presented in a video.

**14.05 – 15.35** PLENARY SESSION 3

Transplantation 2.0.15

WWW: World Wide Web
Age of real-time medicine
Will Big Data reshape transplantation?
Keynote presentation III: Political and social implications of technology

**KEY LEARNING:**
- Integrating Modern Media
- Big Data and online communication
- Transplantation in the era of a Digital Society

Who should attend: General interest, no specialization required

**16.00 – 17.00** BEYOND THE HORIZON 3

Organ resuscitation lab

Organ reconditioning: the new transplant evolution?
From scaffolds to functioning organs
The organ hub – the future model for solid organ transplantation

**KEY LEARNING:**
- Can organ reconditioning improve the quality and number of organs available for transplantation
- The latest developments in growing organs in the lab
- A glimpse into the potential future of transplantation

Who should attend: Physicians and Translational Researchers

**16.00 – 17.00** BEYOND THE HORIZON 4

Crazy transplants or transplants of tomorrow?

Vascularized organ xenotransplantation
Growing new organs in vivo
Heart transplantation from non-heart-beating donors

**KEY LEARNING:**
- The recent advances in xeno-transplantation
- Can we re-grow the organs using stem cells?
- The current trials and tribulations of heart transplantation from DCD donors
09.10 – 10.30  STATE OF THE ART 7
Immunosuppression: Is the pipeline empty?
Promising novel agents: what happened to them?
What are the new immunosuppressive drugs in the pipeline?
New immunosuppressive drugs in transplantation: the view from pharma industry
Teaching old drugs new tricks

KEY LEARNING: → How to get new drugs in our field

Who should attend: General interest, Physicians

09.10 – 10.30  STATE OF THE ART 8
Cell therapy: Hit or miss?
Mesenchymal Stem Cells in Organ Transplantation
Application of suppressive antigen presenting cells in transplantation
The present status and future of regulatory T cell therapy in organ transplantation
Cell therapy for diabetes

09.10 – 10.30  STATE OF THE ART 9
Life after transplantation: blessing or curse?
Long-term organ transplant recipient survivors: quality of life
Sexual function and fertility after solid organ transplant
Pregnancy after solid organ transplant
Physical activity and sports in organ transplant recipients

11.00 – 13.00  PLENARY SESSION 4
Beyond the Horizon
Presidential & Honorary Membership

Keynote presentation IV: Beyond the Horizon: the astronaut’s view
Beyond the horizon in clinical science
Beyond the horizon in basic science
Presidential address
Honorary Membership Ceremony
Closing remarks
## ESOT 2015 Congress Registration Fees

<table>
<thead>
<tr>
<th>Type of registration</th>
<th>Early registration by 31 May 2015</th>
<th>Late registration by 30 August 2015</th>
<th>On site by 12 September 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESOT Member</td>
<td>€ 580</td>
<td>€ 680</td>
<td>€ 710</td>
</tr>
<tr>
<td>Non-Member</td>
<td>€ 750</td>
<td>€ 850</td>
<td>€ 880</td>
</tr>
<tr>
<td>ESOT Trainee, coordinator, nurse member</td>
<td>€ 360</td>
<td>€ 410</td>
<td>€ 440</td>
</tr>
<tr>
<td>Trainee, coordinator, nurse non-member</td>
<td>€ 410</td>
<td>€ 460</td>
<td>€ 490</td>
</tr>
</tbody>
</table>

Fees are inclusive of VAT at the prevailing rate.

Delegate registration fee includes:

- Admission to the all scientific sessions
- Admission to all Specialty Update Symposia
- Access to the exhibition
- Access to delegate lounges
- Participant’s kit with congress material
- Provision of the required device for use throughout the duration of the congress
- Admission to poster opening & networking reception
- Refreshment breaks

## Ecosystem

ESOT 2015 will be a paperless congress, printed matters will be fully replaced by a multifeature App, to maximize participants engagement and connectivity.

€60 DISCOUNT

from the relevant congress fee for participants with their own devices!
Submit an abstract

If you are a professional working in Transplantation, the scientific committee invites you to submit your work for review at ESOT 2015 Congress.

Broaden your horizon
Submitting your work and research actively contribute to the success of the meeting. The organizers encourage clinicians and scientists, along the line with the congress theme, to share their latest data with their peers.

There will be a separate submission process for clinical management abstracts, in which a clinical case may be identified. Successful review would give you the chance to present your clinical problem to a panel of experts.

Electronic Abstract Submission
On line system will open on October 31, 2014 and your abstract must be submitted on or before March 1, 2015. Guidelines for abstract preparation and submission are fully described in the Congress website at www.esot.org where you will be guided through the on-line submission process.

There will be no paper submissions.

Network
Plans are already in place to provide an interactive F2F international meeting, with significant importance to networking aspect, one of the main the reasons to attend. Presentation of submitted works represents the platform for the exchange of information and to communicate in person with other transplant professionals.

Notification of Acceptance
Acceptance of abstracts will be notified on/from May 23, 2015, when presenters will be advised the allocated category of oral, rapid oral or poster presentation for their paper at this time. Detailed information on presentations will be sent to the presenting author at that time. The presenting author must duly register for the Congress by May 31, 2015.

A reduced, early Registration Fee will apply prior to this deadline. Registering after May 31, 2015, can affect the inclusion in the Final Program App as Abstract.

Engage
The format of this meeting offers many possibilities for your abstract to be presented as an “oral” contribution. An innovative learning environment has been planned, with the aim to give the right visibility and award author’s contribution. Abstracts will be selected for either Oral, Brief Oral, Video presentations or digital Poster.

Presentations will be allotted as:

- **Full Oral** – main topic areas presented in large auditorium, to acknowledge the high level of your contribution
- **Brief Oral** – revised version of the traditional poster discussion, to offer more prominence to the presentations
- **Video** – innovative projects or methodology that will be presented in a video. A brief oral introduction follow by the video presentation
- **Posters** – electronically available on tablets
ESOT 2015 Congress Awards

As part of the ESOT commitment to advancing education and research in Transplantation, the following Awards will be assigned to abstract presenters in recognition of their contribution.

All Awardees will be required to be ESOT members.

BAC – Best Abstract Challenge

10 outstanding contributions, selected by the ESOT 2015 Scientific Program Committee from all submitted abstracts based on the overall referees’ score, will be presented during the BAC Session on Monday 14th September, from 11.10 to 12.40 h.

The Audience will vote to select 6 finalists, 3 clinical and 3 basic science works, to which these awards will be assigned to.

YIA – Young Investigator Awards supported by Roche

10 awards will be assigned to young clinicians or scientists (under 40 years of age in 2015), who have submitted abstracts to the ESOT 2015 Brussels Congress. Submitters are requested to select the ‘Young Investigator’s Award’ option in the abstract application process.

Awards are assigned by the Scientific Program Committee of the ESOT 2015 Congress and announced at the congress.

EUROLIVER FOUNDATION Awards

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.

2 awards are assigned to young researchers who have made a valuable contribution in relation to these topics.

Awards are assigned by the ELITA Board and announced at the congress.
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ESOT 2015 Congress Awards

Awards amount to € 1500 each

Awards amount to € 2500 each

EPITA Awards

Two prizes will be awarded to distinguish the best abstracts presented in the field of Islet and Pancreas transplantation respectively. Awards are assigned by the EPITA Board and announced at the congress.

ECTTA Awards

For the first time at ESOT Congress, the ECTTA has instituted 2 awards for selected abstracts related to the following topics:

1. Improvement of thoracic organ procurement (including donor management, organ reconditioning, DCD donors);

2. Diagnosis and management of antibody mediated rejection in heart or lung transplant recipients.

Applicants must submit works for categories ‘Heart’ and ‘Lung’, an application box will automatically appear with this option during the abstract submission process.

Candidates must be under 40 years of age at the moment of submission. The Awardees will be invited to present their abstracts during the ECTTA Specialty Update Symposium, on Sunday 13th September from 09.00 to 12.50 h.

Awards are assigned by the ECTTA Board and announced at the congress.

BO – Best Oral Presentation Award

The award for the Best Oral Presentation will be assigned to the Oral Presentation most ‘voted’ by the attendees during the Congress. The audience can express more than one preference via the Congress App, where all presentations will be available.

Award amounts to € 500

BBO – Best Brief Oral Presentation Award

The award for the Best Brief Oral Presentation will be assigned to the Brief Oral Presentation most ‘voted’ by the attendees during the Congress. The audience can express more than one preference via the Congress App, where all presentations will be available.

Award amounts to € 500
ESOT Corporate Partners

ESOT wishes to acknowledge the support of the following partners, who have already confirmed their participation:

PLATINUM

GOLD

SILVER

EDUCATION CIRCLE
ESOT wishes to acknowledge the support of the following partners, who have already confirmed their participation:

**SILVER**

Organ Recovery Systems

Roche

**BRONZE**

Bridge to Life

Bristol-Myers Squibb

DR. F. KÖHLER CHEMIE

macopharma

neovii

**EXHIBITORS**

Fresenius Medical Care

IGL

Organ Assist

Qiagen

**NON-PROFIT ORGANIZATIONS**

TPM | Transplant Procurement Management
Information

ABOUT TARGET AUDIENCE

The target audience for the meeting includes all professionals involved in clinical care and research related to organ and cellular transplantation as well as organ and tissue donation.

Beside transplant researchers, physicians and surgeons, all different allied health professionals involved in transplantation and donation such as pharmacists, nurses, psychologists, nutrition and rehabilitation specialists, clinical and donation coordinators are warmly welcome.

The meeting is also addressed to health care professionals involved in the expanding fields of care of organ failure and regenerative medicine.

ABOUT THE VENUE

The SQUARE meeting Centre: an architectural landmark in its own right, in the vibrant Mont des Arts cultural quarter in the heart of Brussels. It sits easily among the city’s major museums and art galleries, including the recently opened Magritte Museum, devoted to the country’s aster of surrealism.

All the major shops and tourist attractions are just a short stroll away, and there are plenty of good hotels to choose from in the neighborhood. SQUARE is situated in front of the Central Station, handy for the international airport and train connections.

HOTEL ACCOMMODATION

A number of rooms in different hotel categories has been blocked at preferential rates. Several hotels are located close to the venue at walking distance or within easy reach with public transport system. The full list of hotels is available on the website http://esot2015.esot.org

Make sure to book your room and benefit from the preferential rates.
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www.square-brussels.com

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IMPORTANT DATES:

↗ Abstract Submission opens 31 October 2014
↗ Abstract Submission Closes 3 March 2015
↗ Notifications Dispatched on/from 23 May 2015
↗ Early Registration Deadline 31 May 2015
Visit: esot.org

Contacts & Information

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