HESPERIS

FOUNDATIONAL COURSE

4-5 April 2022, Rome, Italy
HESPERIS is a comprehensive course on organ transplantation, perfectly suited for individuals who are entering the field and who wish to further their career.

The 2022 edition of HESPERIS will be held in a blended format, combining preparatory online activities that participants can complete on their own schedule and a dynamic and an interactive live environment, where participants meet faculty and gain first-hand knowledge from some of the most experienced professionals in our field.

Online activities include lectures, readings, self-assessment quizzes, and an online discussion forum. In-person activities include summaries and Q&A sessions on the preparatory activities, additional lectures on hot topics in transplantation, and interactive case study discussions. To enhance interaction and participation and to encourage application of the concepts learned through the lectures, learners will be invited to submit clinical cases for discussion and to present them during the in-person sessions.

By taking this course, participants will gain an extensive view of transplantation and will be able to adopt a multidisciplinary approach to implement into their own transplant centres.

Scientific Organising Committee

Simon Knight
Oxford, United Kingdom

Luca Toti
Rome, Italy

When
Monday, 4 April 2022
Tuesday, 5 April 2022

Where
Rome, Italy

Target Group
Physicians, surgeons and scientists entering the field of transplantation.

The European Board of Transplant Medicine of the Division of Transplantation of the UEMS recommends Hesperis as preparatory course for the Exam on Transplant Medicine.
## UNIT 1: IMMUNOLOGY

<table>
<thead>
<tr>
<th>Title</th>
<th>Faculty</th>
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<tbody>
<tr>
<td>Basics on HLA (Human leukocyte antigen) typing</td>
<td>Sebastiaan Heidt, Leiden University Medical Center, Leiden, The Netherlands</td>
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<tr>
<td>Traditional and virtual Xmatch</td>
<td>Anthony Dorling, King’s College, London, United Kingdom</td>
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<tr>
<td>DSA (Donor-specific antibody)</td>
<td>Anthony Dorling, King’s College, London, United Kingdom</td>
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<tr>
<td>Tolerance: Where are we?</td>
<td>Anthony Dorling, King’s College, London, United Kingdom</td>
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## UNIT 2: INDICATIONS

<table>
<thead>
<tr>
<th>Title</th>
<th>Faculty</th>
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<tbody>
<tr>
<td>Am I a candidate for a kidney transplant?</td>
<td>Raj Thuraisingham, The Royal Hospital, London, United Kingdom</td>
</tr>
<tr>
<td>Are there new indications for abdominal transplantations?</td>
<td>Roberta Angelico, Policlinico Tor Vergata, Rome, Italy</td>
</tr>
<tr>
<td>Indications for lung transplantation: current practice recommendations</td>
<td>Robin Vos, University Hospital, Leuven, Belgium</td>
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<tr>
<td>Heart in kidney transplantation: views from over the diaphragm</td>
<td>Luciano Potena, Policlinico Sant’Orsola Bologna, Italy</td>
</tr>
<tr>
<td>Indications and outcome in pancreas transplantation</td>
<td>Fabio Vistoli, University of Pisa, Pisa, Italy</td>
</tr>
<tr>
<td>Indications and complications in islet cell transplantation</td>
<td>Lorenzo Piemonti, San Raffaele Hospital, Milan, Italy</td>
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## UNIT 3: ORGAN DONATION

<table>
<thead>
<tr>
<th>Title</th>
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<tbody>
<tr>
<td>Ethical issues in transplantation</td>
<td>Hannah Maple, Guy’s Hospital, London, United Kingdom</td>
</tr>
<tr>
<td>Technique multiorgan retrieval</td>
<td>Luca Toti, Policlinico Tor Vergata, Rome, Italy</td>
</tr>
<tr>
<td>Living donation rules in liver: pediatric and adults</td>
<td>Roberta Angelico, Policlinico Tor Vergata, Rome, Italy</td>
</tr>
<tr>
<td>Living donation rules in kidney: pediatric and adults</td>
<td>Maria Irene Bellini, Sapienza University, Rome, Italy</td>
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</tbody>
</table>

## UNIT 4: RECIPIENT MANAGEMENT

<table>
<thead>
<tr>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>HBV (Hepatitis B virus), HCV (Hepatitis C virus) and HIV (human immunodeficiency virus) in transplant recipients: not only a liver problem</td>
<td>Quirino Lai, Policlinico Umberto I, Rome, Italy</td>
</tr>
<tr>
<td>Infection recurrence after transplantation</td>
<td>Jacopo Romagnoli, Policlinico Gemelli, Rome, Italy</td>
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<tr>
<td>Malignancies recurrence and de novo</td>
<td>Quirino Lai, Policlinico Umberto I, Rome, Italy</td>
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<tr>
<td>HCC (Hepatocellular carcinoma) management in liver transplantation</td>
<td>Quirino Lai, Policlinico Umberto I, Rome, Italy</td>
</tr>
<tr>
<td>Recurrent disease post kidney transplant</td>
<td>Raj Thuraisingham, The Royal Hospital, London, United Kingdom</td>
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</tbody>
</table>
## UNIT 5: REGENERATIVE MEDICINE

<table>
<thead>
<tr>
<th>Title</th>
<th>Faculty</th>
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</thead>
<tbody>
<tr>
<td>Introduction to regenerative medicine</td>
<td>Martin Hoogduijn, Erasmus MC, Rotterdam, The Netherlands</td>
</tr>
<tr>
<td>The prospects of regenerative medicine</td>
<td>Ton Rabelink, Leiden University Medical Center, Leiden, The Netherlands</td>
</tr>
<tr>
<td>Generation of mini organs</td>
<td>Nuria Montserrat, Institute for Bioengineering of Catalonia, Barcelona, Spain</td>
</tr>
<tr>
<td>Cell therapies in organ transplantations</td>
<td>Marlies Reinders, Erasmus MC, Rotterdam, The Netherlands</td>
</tr>
<tr>
<td>Repair of organs through machine perfusion</td>
<td>Sandra Lindstedt, Lund University, Lund, Sweden</td>
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Day 1 (09:00-18:00) Monday, 4 April 2022

09:00 – 09:20  WELCOME AND INTRODUCTION TO THE HESPERIS COURSE
Simon Knight, Churchill Hospital, Oxford, United Kingdom
Luca Toti, Policlinico Tor Vergata, Rome, Italy

09:20 – 09:50  ICEBREAKER: GETTING TO KNOW EACH OTHER
Faculty and participants

SESSION 1 - IMMUNOLOGY (09:50-11:35)

09:50 – 10:10  SESSION INTRO - Q&A
Faculty and participants

10:10 – 10:20  CASE STUDY PRESENTATION: MANAGEMENT OF IMMUNOSUPPRESSION
Selected participant

10:20 – 10:40  CASE STUDY DISCUSSION
Faculty and participants

10:40 – 11:00  COFFEE BREAK 🍵

11:00 – 11:20  THE JUNGLE OF IMMUNOSUPPRESSION: THE SURGEON’S POINT OF VIEW
Luca Toti, Policlinico Tor Vergata, Rome, Italy

11:20 – 11:35  Q&A
Faculty and participants

SESSION 2 - INDICATIONS (11:35-14:35)

11:35 – 11:55  SESSION INTRO - Q&A
Faculty and participants

11:55 – 12:05  CASE STUDY PRESENTATION: CHALLENGING TRANSPLANT CANDIDATES
Selected participant

12:05 – 12:25  CASE STUDY DISCUSSION
Faculty and participants

12:25 – 12:45  OBESITY AND TRANSPLANTATION
Simon Knight, Churchill Hospital, Oxford, United Kingdom
Luca Toti, Policlinico Tor Vergata, Rome, Italy

12:45 – 13:00  Q&A
Faculty and participants
ON-SITE

programme

13:00 - 14:00  LUNCH BREAK

14:00 – 14:20  INDICATIONS FOR HEART TRANSPLANTATION: CURRENT PRACTICE RECOMMENDATIONS
  Stephan Ensminger, University Heart Center Lübeck, Lübeck, Germany

14:20 – 14:35  Q&A
  Faculty and participants

SESSION 3 - ORGAN DONATION  (14:35-17:30)

14:35 – 14:55  SESSION INTRO - Q&A
  Faculty and participants

14:55 – 15:05  CASE STUDY PRESENTATION: CHALLENGING LIVING DONORS
  Selected participant

15:05 – 15:25  CASE STUDY DISCUSSION
  Faculty and participants

15:25 – 15:45  LIVE KIDNEY DONOR: A GOOD TUNING BETWEEN SURGEONS AND NEPHROLOGISTS
  Lucrezia Furian, University of Padova, Padova, Italy

15:45 – 16:00  Q&A
  Faculty and participants

16:00 – 16:20  COFFEE BREAK 🍵

16:20 – 16:40  THE ORGAN DONOR’S EXPERIENCE
  Jan Shorrock, Give a kidney, Lancaster, United Kingdom

16:40 – 16:55  Q&A
  Faculty and participants

16:55 – 17:15  ETHICAL ISSUES IN ORGAN DONATION
  Hannah Maple, Guy’s Hospital, London, United Kingdom

17:15 – 17:30  Q&A
  Faculty and participants

17:30 – 18:00  WRAP UP AND TAKE-HOME MESSAGES DAY 1
  Simon Knight, Churchill Hospital, Oxford, United Kingdom
  Luca Toti, Policlinico Tor Vergata, Rome, Italy
Day 2 (09:00-16:20) Tuesday, 5 April 2022

**SESSION 4 - RECIPIENT MANAGEMENT**  
(09:00-12:35)

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>09:00 - 09:20</td>
<td>SESSION INTRO - Q&amp;A</td>
<td>Faculty and participants</td>
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<tr>
<td>09:20 - 09:30</td>
<td>CASE STUDY PRESENTATION ON SURGICAL COMPLICATIONS (LIVER)</td>
<td>Selected participant</td>
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<tr>
<td>09:30 - 09:50</td>
<td>CASE STUDY DISCUSSION</td>
<td>Faculty and participants</td>
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<tr>
<td>09:50 - 10:00</td>
<td>CASE STUDY PRESENTATION ON SURGICAL COMPLICATIONS (KIDNEY)</td>
<td>Selected participant</td>
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<tr>
<td>10:00 - 10:20</td>
<td>CASE STUDY DISCUSSION</td>
<td>Faculty and participants</td>
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<tr>
<td>10:20 - 10:40</td>
<td>COFFEE BREAK</td>
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<tr>
<td>10:40 - 10:50</td>
<td>CASE STUDY PRESENTATION ON SURGICAL COMPLICATIONS (PANCREAS)</td>
<td>Selected participant</td>
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<tr>
<td>10:50 - 11:10</td>
<td>CASE STUDY DISCUSSION</td>
<td>Faculty and participants</td>
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<tr>
<td>11:10 - 11:20</td>
<td>CASE STUDY PRESENTATION ON SURGICAL COMPLICATIONS (HEART/LUNG)</td>
<td>Selected participant</td>
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<tr>
<td>11:20 - 11:40</td>
<td>CASE STUDY DISCUSSION</td>
<td>Faculty and participants</td>
</tr>
<tr>
<td>11:40 - 12:00</td>
<td>THE TRANSPLANT PATIENT’S EXPERIENCE</td>
<td>Pisana Ferrari, Italian Pulmonary Hypertension Association (AIPI), Udine, Italy</td>
</tr>
<tr>
<td>12:00 - 12:15</td>
<td>Q&amp;A</td>
<td>Faculty and participants</td>
</tr>
<tr>
<td>12:15 - 13:15</td>
<td>LUNCH BREAK</td>
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</table>
SESSION 5 - REGENERATIVE MEDICINE (13:15-15:35)

13:15 – 13:35  SESSION INTRO - Q&A  
Faculty and participants

13:35 – 13:55  MACHINE PERFUSION IN KIDNEY TRANSPLANTATION  
Sarah Hosgood, University of Cambridge, Cambridge, United Kingdom

13:55 – 14:10  Q&A  
Faculty and participants

14:10 – 14:20  CASE STUDY PRESENTATION: MACHINE PERFUSION  
Selected participant

14:20 – 14:40  CASE STUDY DISCUSSION  
Faculty and participants

14:40 – 15:00  BUILDING NEW ORGANS IN THE LAB  
Martin Hoogduijn, Erasmus MC, Rotterdam, The Netherlands

15:00 – 15:15  Q&A  
Faculty and participants

15:15 – 15:35  COFFEE BREAK ☕️

15:35 – 16:05  WRAP UP AND TAKE-HOME MESSAGES DAY 2  
Simon Knight, Churchill Hospital, Oxford, United Kingdom  
Luca Toti, Policlinico Tor Vergata, Rome, Italy

CONCLUSION  
16:05 – 16:20  AWARD CEREMONY AND FAREWELL  
Simon Knight, Churchill Hospital, Oxford, United Kingdom  
Luca Toti, Policlinico Tor Vergata, Rome, Italy
venue

Hotel Domus Australia
Via Cernaia 14/b Rome, Italy
https://www.domusaustralia.org/location/

accreditation

The online preparatory activities of the course are accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) to award 3 European CME credits (ECMEC®s) for each unit.

The on-site programme of the course has been accredited 11 European CME credits (ECMEC®s) by the European Accreditation Council for Continuing Medical Education (EACCME®).

registration

- ESOT member* 600 EUR
- ESOT member * combined courses [ACADEMIA + HESPERIS] 500 EUR (per course)
- Non-member 800 EUR
* in order to be eligible to register with an ESOT member fee, you must be an active ESOT member at least until the end of the course.

The registration fee includes:
- Access to scientific sessions
- Educational materials
- Certificate of attendance
- EACCME credits
- Coffee breaks and luncheons

Invoices

Invoices will be issued only for payments made by bank transfer.

Cancellation Policy

There will be no refunds once your registration has been confirmed. However, should the event be cancelled due to restrictions related to the SARS-CoV-2 emergency, participants will be able to either keep their booking for the next available edition of the event or to get a full refund.

Should ESOT decide to cancel in-person courses, this will be communicated to all registered participants a month before the start date of the event.
The HESPERIS Course is kindly supported by Biotest

ORGANISER CONTACT DETAILS
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