



# HESPERIS

FOUNDATIONAL COURSE

04-06 April 2024, Valencia, Spain

Scientific programme



# introduction

**HESPERIS is a comprehensive course on organ transplantation, ideally suited for physicians, surgeons, and scientists entering the field of transplantation.**

The 2024 edition of the HESPERIS Course consists of a three-day in-person programme which includes lectures on both foundational and hot topics in transplantation, break-out sessions, group discussions, and interactive case study presentations. In this dynamic and interactive live environment, participants will have the chance to gain first-hand knowledge from some of the most experienced professionals in the transplant field.

The faculty and topics of the HESPERIS Course 2024 are diverse. Sessions are focused on issues in transplant immunology, organ donation and preservation, recipient evaluation and management, regenerative medicine, and person-centred care. Relative to previous editions, the HESPERIS Course 2024 also includes new learning modules on post-transplant infectious disease.

To enhance interaction and participation, learners will be invited to submit clinical cases for discussion on the main topics of the course and to present them onsite. The best case presentation will be awarded with the “Paolo Muiesan Award for the Best Case Study Presentation” which consists in a free ESOT membership and free registration for the ESOT Congress 2025 (London, 29 June – 2 July).

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.

The European Board of Transplant Medicine of the Division of Transplantation of the UEMS recommends the HESPERIS Course as preparatory course for the Exam on Transplant Medicine.

## Scientific Organising Committee



Amelia Hessheimer  
Madrid, Spain



Annelies de Weerd  
Rotterdam, The Netherlands

## When

From Thursday, 4 April 2024  
To Saturday, 6 April 2024

## Where

Valencia, Spain

## Target Group

Individuals who are entering the field and wish to further their career.

# Online scientific programme

Participants are strongly encouraged to review the online materials to prepare for the in-person portion of the course and to select the topics they wish to delve into depending on their individual needs and level of expertise.

Each unit includes three to five lectures, each complemented by a selection of readings, a self-assessment quiz, and the slides provided by the faculty.

While completion of the online programme and activities is not required, these materials cover important topics that may not be included in the in-person programme of the course, and therefore are strongly recommended and a key component of the educational opportunity offered by the HESPERIS Course.

## UNIT 1: IMMUNOLOGY

Title	Faculty
Basics on HLA (Human leukocyte antigen) typing	Sebastiaan Heidt, Leiden University Medical Center, Leiden, The Netherlands
Traditional and virtual Xmatch	Anthony Dorling, King's College, London, United Kingdom
The jungle of immunosuppression: the surgeon's point of view	Roberta Angelico, Policlinico Tor Vergata, Rome, Italy

## UNIT 2: INDICATIONS

Title	Faculty
Am I a candidate for a kidney transplant?	Raj Thuraisingham, The Royal Hospital, London, United Kingdom
Are there new indications for abdominal transplantations?	Roberta Angelico, Policlinico Tor Vergata, Rome, Italy
Indications for lung transplantation: current practice recommendations	Robin Vos, University Hospital, Leuven, Belgium
Heart in kidney transplantation: views from over the diaphragm	Luciano Potena, Policlinico Sant'Orsola Bologna, Italy
Indications and outcome in pancreas transplantation	Fabio Vistoli, University of L'Aquila, L'Aquila, Italy
Indications and complications in islet cell transplantation	Lorenzo Piemonti, San Raffaele Hospital, Milan, Italy

# Online scientific programme

## UNIT 3: ORGAN DONATION

Title	Faculty
Technique multiorgan retrieval	Luca Toti, Policlinico Tor Vergata, Rome, Italy
Living donation rules in liver: paediatric and adults	Roberta Angelico, Policlinico Tor Vergata, Rome, Italy
Machine perfusion	Robert Minnee, Erasmus MC, Rotterdam, The Netherlands

## UNIT 4: RECIPIENT MANAGEMENT - Part 1

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

## UNIT 4: RECIPIENT MANAGEMENT - Part 2

Title	Faculty
Cellular therapy for resistant viral infections after transplantation: the new frontier?	David Cucchiari, Hospital Clínic, Barcelona, Spain
Individual susceptibility to infection and immunosuppression: does one size fit all?	Oriol Manuel, Lausanne University Hospital, Lausanne, Switzerland
Prevention is better than cure: strategies for vaccination in solid-organ transplant recipients	Ines Ushiro-Lumb, NHS Blood and Transplant, London, United Kingdom

# Online scientific programme

## UNIT 5: REGENERATIVE MEDICINE

Title	Faculty
The prospects of regenerative medicine	Ton Rabelink, Leiden University Medical Center, Leiden, The Netherlands
Generation of mini organs	Nuria Montserrat, Institute for Bioengineering of Catalonia Barcelona, Spain
Cell therapies in organ transplantation	Marlies Reinders, Erasmus MC, Rotterdam, The Netherlands
Repair of organs through machine perfusion	Sandra Lindstedt, Lund University, Lund, Sweden

# Onsite scientific programme

## Day 1 (09:00-18:00) Thursday, 4 April

### 09:00 - 09:10 WELCOME

Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands  
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain

### 09:10 - 09:50 ICEBREAKER: GETTING TO KNOW EACH OTHER

Faculty and participants

## SESSION 1 - IMMUNOLOGY (09:50-13:00)

### 09:50 - 10:15 DSA (DONOR-SPECIFIC ANTIBODIES)

Alberto Sánchez-Fueyo, King's College, London, United Kingdom

### 10:15 - 10:40 IMMUNOSUPPRESSION IN 2024: WHAT'S IN THE PIPELINE?

Martijn van den Hoogen, Erasmus MC, Rotterdam, The Netherlands

### 10:40 - 11:00 COFFEE BREAK ☕

### 11:00 - 11:25 TOLERANCE: WHERE ARE WE?

Alberto Sánchez-Fueyo, King's College, London, United Kingdom

### 11:25 - 11:50 "MY MOST DIFFICULT CASE": HIGHLY SENSITISED KIDNEY TRANSPLANT CANDIDATES

Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands

### 11:50 - 12:20 BREAKOUT SESSION: CROSSING THE HLA BARRIER IN SOLID ORGAN TRANSPLANTATION

Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands  
Alberto Sánchez-Fueyo, King's College, London, United Kingdom  
Martijn van den Hoogen, Erasmus MC, Rotterdam, The Netherlands

### 12:20 - 12:40 GROUP DISCUSSION & WRAP-UP SESSION 1

Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands  
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain

### 12:40 - 13:00 CASE PRESENTATION AND DISCUSSION

Suzanne Bezstarosti, Maasstad Hospital, Rotterdam, The Netherlands

### 13:00 - 14:00 LUNCH BREAK 🍴

# Onsite scientific programme

## SESSION 2 - INDICATIONS (14:00-18:00)

- 14:00 - 14:25**    **EVALUATING & OPTIMISING RECIPIENT SARCOPENIA, FRAILITY, AND OBESITY**  
Luca Toti, Tor Vergata University, Rome, Italy
- 14:25 - 14:50**    **RECIPIENT OPTIMISATION/PRE-HABILITATION IN END-STAGE ORGAN DISEASE**  
Eva Rivas, Hospital Clínic, Barcelona, Spain
- 14:50 - 15:15**    **LVAD: BRIDGE TO TRANSPLANT OR DESTINATION THERAPY?**  
Stephen Clark, Freeman Hospital, Newcastle, United Kingdom
- 15:15 - 15:40**    **CURRENT STATUS OF BETA CELL REPLACEMENT THERAPY**  
Steve White, Newcastle upon Tyne Hospitals NHS Foundation Trust, Newcastle, United Kingdom
- 15:40 - 16:00**    **COFFEE BREAK** ☕
- 16:00 - 16:25**    **PREEMPTIVE KIDNEY TRANSPLANTATION**  
Frank Dor, Imperial College Healthcare NHS Trust, London, United Kingdom
- 16:25 - 16:50**    **"MY MOST DIFFICULT CASE": PRIOR CANCER IN SOLID ORGAN TRANSPLANT CANDIDATES**  
Carmen Vinaixa, La Fe University and Polytechnic Hospital, Valencia, Spain
- 16:50 - 17:40**    **BREAKOUT SESSION: WHO IS "TOO SICK" TO TRANSPLANT?**  
Stephen Clark, Freeman Hospital, Newcastle, United Kingdom  
Eva Rivas, Hospital Clínic, Barcelona, Spain  
Luca Toti, Tor Vergata University, Rome, Italy
- 17:40 - 18:00**    **CASE PRESENTATION AND DISCUSSION**  
Andrea Della Penna, Universitätsklinikum Tübingen, Tübingen, Germany

# Onsite scientific programme

## Day 2 (09:00-18:00) Friday, 5 April

### SESSION 3 - ORGAN DONATION & PRESERVATION (09:00-13:00)

- 09:00 – 09:25** **DONOR EVALUATION: BIOLOGICAL RISK, INFECTIONS & NEOPLASMS**  
Beatriz Domínguez-Gil, Organización Nacional de Trasplantes, Madrid, Spain
- 09:25 – 09:50** **ETHICS OF LIVE ORGAN DONATION**  
Hannah Maple, Guy's Hospital, London, United Kingdom
- 09:50 – 10:15** **XENOTRANSPLANTATION: CLOSING IN ON CLINICAL REALITY**  
Frank Dor, Imperial College Healthcare NHS Trust, London, United Kingdom
- 10:15 – 10:40** **ORGAN PRESERVATION & PERFUSION SOLUTIONS IN 2024**  
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain
- 10:40 – 11:00** **COFFEE BREAK** ☕
- 11:00 – 11:25** **STRATEGIES FOR DCD HEART & LUNG RECOVERY**  
Stephen Clark, Freeman Hospital, Newcastle, United Kingdom
- 11:25 – 11:50** **"MY MOST DIFFICULT CASE": CO-MORBIDITIES IN LIVING DONORS**  
Laszlo Wagner, Semmelweis University, Budapest, Hungary
- 11:50 – 12:20** **BREAKOUT SESSION: ETHICAL ISSUES IN DECEASED ORGAN DONATION**  
Beatriz Domínguez-Gil, Organización Nacional de Trasplantes, Madrid, Spain  
Frank Dor, Imperial College Healthcare NHS Trust, London, United Kingdom  
Hannah Maple, Guy's Hospital, London, United Kingdom
- 12:20 – 12:40** **GROUP DISCUSSION & WRAP-UP SESSION 3**  
Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands  
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain
- 12:40 – 13:00** **CASE PRESENTATION AND DISCUSSION**  
Sahil Gupta, King's College Hospital, London, United Kingdom
- 13:00 – 14:00** **LUNCH BREAK** 🍴



# Onsite scientific programme

## SESSION 4 - RECIPIENT MANAGEMENT Part 1 (14:00-18:00)

- 14:00 - 14:25**    **SURGICAL CHALLENGES IN PAEDIATRIC TRANSPLANTATION**  
Hermien Hartog, University Medical Center Groningen, Groningen, The Netherlands
- 14:25 - 14:50**    **LONG-TERM COMPLICATIONS FOLLOWING SOLID ORGAN TRANSPLANT: CARDIOVASCULAR DISEASE AND CANCER**  
Gonzalo Crespo, Hospital Clínic, Barcelona, Spain
- 14:50 - 15:15**    **ROLE OF NON-INVASIVE BIOMARKERS IN RECIPIENT MANAGEMENT**  
Marina Berenguer, La Fe University and Polytechnic Hospital, Valencia, Spain
- 15:15 - 15:40**    **ANAESTHESIA CARE & ENHANCED RECOVERY IN TRANSPLANT RECIPIENTS**  
Eva Rivas, Hospital Clínic, Barcelona, Spain
- 15:40 - 16:00**    **COFFEE BREAK** ☕
- 16:00 - 16:25**    **HOME MONITORING FOR TRANSPLANT RECIPIENTS**  
Martijn van den Hoogen, Erasmus MC, Rotterdam, The Netherlands
- 16:25 - 16:50**    **PREGNANCY AFTER SOLID ORGAN TRANSPLANTATION**  
Marina Berenguer, La Fe University and Polytechnic Hospital, Valencia, Spain
- 16:50 - 17:20**    **BREAKOUT SESSION: CHRONIC ALLOGRAFT FAILURE & RE-TRANSPLANTATION**  
Marina Berenguer, La Fe University and Polytechnic Hospital, Valencia, Spain  
Gonzalo Crespo, Hospital Clínic, Barcelona, Spain  
Martijn van den Hoogen, Erasmus MC, Rotterdam, The Netherlands
- 17:20 - 17:40**    **GROUP DISCUSSION & WRAP-UP SESSION 4 - PART 1**  
Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands  
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain
- 17:40 - 18:00**    **CASE PRESENTATION AND DISCUSSION**  
Laia Oliveras Pagès, Hospital Universitari de Bellvitge, L'Hospitalet de Llobregat, Spain

# Onsite scientific programme

## Day 3 (09:00-17:00) Saturday, 6 April

### SESSION 4 - RECIPIENT MANAGEMENT Part 2 (09:00-10:30)

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- 09:00 – 09:25** **CMV INFECTION AND UPCOMING TREATMENT OPTIONS**  
Sophie Alain, CHU de Limoges, Limoges, France
- 09:25 – 09:50** **"MY MOST DIFFICULT CASE": CHALLENGES IN INFECTION COMPLICATIONS**  
Sophie Alain, CHU de Limoges, Limoges, France
- 09:50 – 10:15** **WEIRD, WONDERFUL, AND DIFFICULT TO TREAT: NEW INFECTIONS & MULTIDRUG-RESISTANT INFECTIONS**  
Marta Bodro, Hospital Clínic, Barcelona, Spain
- 10:15 – 10:30** **WRAP-UP SESSION 4 - PART 2**  
Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands  
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain
- 10:30 – 10:50** **COFFEE BREAK** ☕

### SESSION 5 - REGENERATIVE MEDICINE (10:50-13:00)

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- 10:50 – 11:15** **CELL THERAPY: OPPORTUNITIES AND LIMITATIONS**  
Marcella Franquesa, IGTP Institut Germans Trias i Pujol, Barcelona, Spain
- 11:15 – 11:40** **EX SITU ORGAN REPAIR**  
Martin Hoogduijn, Erasmus MC, Rotterdam, The Netherlands
- 11:40 – 12:05** **BUILDING ORGANS**  
Martin Hoogduijn, Erasmus MC, Rotterdam, The Netherlands
- 12:05 – 12:30** **MY PREFERRED FUTURE ORGAN**  
Marcella Franquesa, IGTP Institut Germans Trias i Pujol, Barcelona, Spain  
Martin Hoogduijn, Erasmus MC, Rotterdam, The Netherlands
- 12:30 – 12:40** **WRAP-UP SESSION 5**  
Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands  
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain
- 12:40 – 13:00** **CASE PRESENTATION AND DISCUSSION**  
Sadia Tasleem, St James Univeristy Hospital, Leeds, United Kingdom
- 13:00 – 14:00** **LUNCH BREAK** 🍴

# Onsite scientific programme

## SESSION 6 - PERSON-CENTRED CARE IN TRANSPLANTATION (14:00-16:55)

- 14:00 - 14:30**    **THE PERSON WITH AN ORGAN - NOT THE ORGAN IN THE PERSON. WHAT MATTERS TO THE ORGAN RECIPIENT AND HOW IT CAN BE EVALUATED**  
Anna Forsberg, Lund University, Lund, Sweden
- 14:30 - 15:00**    **BREAKOUT SESSION: INTERACTIVE GROUP DISCUSSIONS ABOUT PERSON-CENTRED CARE**  
Anna Forsberg, Lund University, Lund, Sweden  
Hannah Maple, Guy's Hospital, London, United Kingdom  
David Paredes, Hospital Clínic, Barcelona, Spain
- 15:00 - 15:15**    **FOLLOW UP ON GROUP DISCUSSIONS**  
Anna Forsberg, Lund University, Lund, Sweden  
Hannah Maple, Guy's Hospital, London, United Kingdom  
David Paredes, Hospital Clínic, Barcelona, Spain
- 15:15 - 15:25**    **MY LIFE MY HEALTH: TOOLBOX PRESENTATION**  
Anna Forsberg, Lund University, Lund, Sweden
- 15:25 - 15:40**    **BREAK** ☕
- 15:40 - 15:55**    **MY EXPERIENCE AS AN ORGAN DONOR**  
Federico Oppenheimer, Barcelona, Spain (father)  
David Paredes, Hospital Clínic, Barcelona, Spain
- 15:55 - 16:10**    **MY EXPERIENCE AS AN ORGAN RECIPIENT**  
Federico Oppenheimer, Barcelona, Spain (son)  
David Paredes, Hospital Clínic, Barcelona, Spain
- 16:10 - 16:50**    **WHEN THINGS GO WRONG: HOW TO SUPPORT YOURSELF AND YOUR COLLEAGUES**  
Hannah Maple, Guy's Hospital, London, United Kingdom  
Charles Vincent, University of Oxford, Oxford, United Kingdom
- 16:50 - 16:55**    **WRAP-UP SESSION 6**  
Anna Forsberg, Lund University, Lund, Sweden
- CONCLUSION**    **AWARD CEREMONY AND FAREWELL**  
**16:55 - 17:00**    Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands  
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain

# general information

## venue

Hotel “Exe Rey Don Jaime”  
Address: Av. de les Balears, 2,  
46023 Valencia, Spain.

## accreditation

The onsite programme of the course has been accredited for 19,5 European CME credits (ECMEC®s) by the European Accreditation Council for Continuing Medical Education (EACCME®).

The online preparatory activities are accredited by EACCME® for 3 European CME credits (ECMEC®s) for each unit, except for Unit 4: “Recipient management – Part 2”.

## registration

- ESOT member\* 600 EUR
- Non-member 800 EUR
- Low and lower-middle income countries\*\* 100 EUR

\* In order to be eligible to register with an ESOT member fee, please note that you must be an active ESOT member at least until the end of the course.

\*\* To encourage and facilitate participation of early-career transplant professionals residing and working in low and lower-middle income countries (as per [the World Bank classification](#)), a reduced fee has been introduced. It will be possible to register with this fee on a first come, first served basis.

The registration fee includes:

- Access to scientific sessions
- Educational materials
- Certificate of attendance
- CME credits
- Coffee breaks and luncheons
- Networking dinner (no entertainment)

**The course attendance is limited to a maximum of 45 participants.**

### Invoices

Invoices will be issued for payments made both by credit card and bank transfer.

### Cancellation Policy

There will be no refunds once your registration has been confirmed. Refunds will be issued only if the Organiser elects to cancel the event due to force majeure. 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.

\*\*\*We recommend that participants purchase insurance to cover any losses resulting from the inability to attend the course for any reasons that may occur.\*\*\*



04-06 April 2024, Valencia, Spain



The HESPERIS Course is kindly supported by Hansa Biopharma.



This Course is organised by ESOT and kindly supported by Takeda.  
All content has been developed independently by ESOT.



#### ESOT TEAM CONTACT DETAILS

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