



# 12<sup>th</sup> EPITA Symposium & 41<sup>st</sup> AIDPIT Workshop

22-24 January 2023,  
Innsbruck-Igls, Austria

#ESOT\_EPITA

SCIENTIFIC PROGRAMME

## Day 1 – Sunday 22 January 2023

- 17:15 – 17:30 WELCOME BY EPITA CHAIR AND VICE-CHAIR**  
*Julie Kerr-Conte | Lille, France*  
*Steve White | Newcastle, United Kingdom*
- 17:30 – 18:30 OPENING SESSION**  
**Chairs:** *Julie Kerr-Conte | Lille, France; Steve White | Newcastle, United Kingdom*
- 17:30 – 18:00 The Pfeiffer Memorial Lecture: Are we any closer to xenotransplantation in the clinic?  
*Bernhard J Hering | Minnesota, United States*
- 18:00 – 18:30 Reprogramming human regulatory T cells to promote transplant tolerance  
*Georgia Foustari | Milan, Italy*
- 18:30 – 19:30 Networking event**

## Day 2 – Monday 23 January 2023

- 08:30 – 09:30 IMMUNOLOGY & REJECTION**  
**Chairs:** *Claudia Bösmüller | Innsbruck, Austria; Lorenzo Piemonti | Milan, Italy*
- 08:30 – 09:00 Immunopathology of rejections in beta cell replacement  
*Olivier Thauvat | Lyon, France*
- 09:00 – 09:30 Vascular Sentinel Skin Flaps to detect rejection in Pancreas Transplantation  
*Annemarie Weissenbacher | Innsbruck, Austria*
- 09:30 – 10:00 Coffee break**
- 10:00 – 12:00 MAKING IT LAST**  
**Chairs:** *Eelco de Koning | Leiden, The Netherlands; Tim Scholz | Uppsala, Sweden*
- 10:00 – 10:30 Managing the marginal islet and pancreatic graft  
*Michiel Nijhoff | Leiden, The Netherlands*
- 10:30 – 11:00 Changing gears: new clinical experiences in islet transplantation  
*Piotr Witkowski | Chicago, United States*
- 11:00 – 11:30 Discussion Panel  
**Panelists:** *Joana Ferrer | Barcelona, Spain; Shareen Forbes | Edinburgh, United Kingdom; Paola Maffi | San Raffaele, Italy; Marie Christine Vantuyghem | Lille, France; Fabio Vistoli | Pisa, Italy Steve White | Newcastle, United Kingdom*



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## 11:30 – 12:30 ORAL PRESENTATIONS - CLINICAL: ISLET

**Chairs:** *Shadab Abadpour | Oslo, Norway; Marten Engelse | Leiden, The Netherlands*

- OP01: Development Of An Artificial Intelligence Model To Select Donors For Islet Transplantation  
*Pierre Bauvin | Lille, France*
- OP02: Improved Pancreatic Islet Isolation Yield After Abdominal Normothermic Regional Perfusion Of Controlled Donation After Circulatory Death Donors  
*Rutger van Rooden | Leiden, The Netherlands*
- OP03: Insulin Therapy And Weight Gain In Type 1 Diabetes (T1d): What Can We Learn From Islet Transplantation?  
*Marie-Christine Vantyghem | Lille, France*
- OP04: IsletsWipe: The Platform Validation By Three Independent Centres.  
*David Habart | Prague, Czech Republic*
- OP05: Tnf-A Blockade In Immunosuppressed Islet Transplant Recipients - A Study On In Vitro, Clinical And Citr-Derived Data  
*Cyril Landstra | Leiden, The Netherlands*
- OP06: What Do Patients Want From Beta Cell Replacement Devices?  
*Aart van Apeldoorn | Maastricht, The Netherlands*

## 12:30 – 14:00 Lunch break

### Moderated posters

**Chairs:** *Ekaterine Berishvili | Geneva, Switzerland; Valeria Sordi | Milan, Italy*

## 14:00 – 15:00 BETA CELL REPLACEMENT USING DCD

**Chairs:** *Joana Ferrer | Barcelona, Spain; Fabio Vistoli | Pisa, Italy*

14:00 – 14:20 ISLET Transplant from DCD 'The Dutch Experience'  
*Jason B Doppenberg | Leiden, The Netherlands*

14:20 – 14:40 Pancreas transplantation from DCD 'The French Experience'  
*Julien Branchereau | Nantes, France*

14:40 – 15:00 UK experience of DCD in pancreas and islet transplantation  
*Anand Muthusamy | West London, United Kingdom*

## 15:00 – 16:00 ORAL PRESENTATIONS: CLINICAL - PANCREAS

**Chairs:** *Robert Pol | Groningen, The Netherlands; Annemarie Weissenbacher | Innsbruck, Austria*

- OP07: Dynamic Contrast-Enhanced Ultrasound (Dceus) In Pancreatic Transplantation: Normal Values And Its Potential Utility In Evaluating Rejection.  
*Clara Bassaganyas | Barcelona, Spain*
- OP08: Experience Of 105 Pancreas Retransplants And Predictors Of Outcome  
*Marcelo Perosa | Sao Paulo, Brazil*
- OP09: Predisposing Factors To Major Adverse Cardiovascular Events Following Simultaneous Pancreas-Kidney Transplantation  
*Catarina Almeida | Vila Nova de Gaia, Portugal*



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- OP10: Progression Of Diabetic Retinopathy After Pancreas And Kidney Transplantation In A Prospective Randomized Trial Comparing Everolimus Versus Mycophenolate  
*Barbora Hagerf (Voglová) | Prague, Czech Republic*
- OP11: Referral Practices And Recipient Outcomes Of Recipients With Type 2 Diabetes Mellitus Undergoing Simultaneous Pancreas And Kidney Transplant  
*Ruth Owen | Newcastle Upon Tyne, UK*
- OP12: A Prospective Study Of Donor-Specific Anti-Hla Antibody Monitoring In Pancreas Transplantation  
*Marcelo Perosa | Sao Paulo, Brazil*

**16:00 – 16:30** Coffee break

**16:30 – 17:30** DEBATE: GRAFT FAILURE SHOULD BE TREATED WITH RETRANSPLANTATION OR TECHNOLOGY?

**Chairs:** *Mike Rickels | Pennsylvania, United States; Peter Stock | San Fransisco, United States*

- The case for retransplantation with a pancreas  
*Lucrezia Furian | Padova, Italy*
- The case for retransplantation with islets  
*James Shaw | Newcastle, United Kingdom*
- Technology is superior to both  
*Anne Wojtusciszyn | Lausanne, Switzerland*

**17:30 – 18:30** ORAL PRESENTATIONS: BASIC SCIENCE – ISLET AND PANCREAS

**Chairs:** *Mikael Chetboun | Lille, France; Volkert Huurman | Leiden, The Netherlands*

- OP13: Inhibition Of Tissue Factor Expression In Islets Graft Using A Synthetic Sirna  
*Jan Kriz | Prague, Czech Republic*
- OP14: Nutrient Control Of Insulin Secretion In Stem Cell-Derived Islets  
*Chencheng Wang | Oslo, Norway*
- OP15: Open Thin Film Microwell Beta Cell Delivery Devices For Type 1 Diabetes  
*Aart van Apeldoorn | Maastricht, The Netherlands*
- OP16: Pump-Less Microfluidic Device For The Functional Co-Culture Of Human Stem Cell-Derived Islet And Liver Organoids  
*Shadab Abadpour | Oslo, Norway*
- OP17: The Quod Pancreas Tissue Bank And Atlas: A Unique Resource For Transplant And Disease-Oriented Research  
*Nicola Dyson | Oxford, UK*
- OP18: Assessment Of Pancreatic Steatosis And Transplant Suitability Using Image-Based Machine Learning Models  
*Georgios Kourounis | New Castle Upon Tyne, UK*

**18:30 - 18:40** European Pancreas and Islet Transplant Registry (EPITR) Update

*Diego Cantarovich | Nantes, France*

**18:40 – 18:50** The European Pancreas Transplant Research Consortium (EPTRC)

*Robert Pol | Groningen, The Netherlands*



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## Day 3 – Tuesday 24 January 2023

### 09:00 – 11:00 PARALLEL CASE STUDY

#### Room 2 **ISLET & STEM CELLS**

- Table 1: Stem Cell differentiation: which and how?  
*Valeria Sordi | Milan, Italy*
- Table 2: Islets: Autotransplant  
*Julie Kerr-Conte | Lille, France*
- Table 3: Engraftment  
*Ekaterine Berishvili | Geneva, Switzerland*

#### Room 1 **PANCREAS**

09:00 - 09.30 Evolution of pancreas transplantation in Brazil  
*Marcelo Perosa | Sao Paulo, Brazil*

09:40 - 10:55 Presentation of clinical cases

- CC01: Severe Acute Rejection In Pancreas After Kidney Transplantation: A Case Presentation  
*Abdullah Malik , UK*
- CC02: Simultaneous Pancreas-Dual Kidney Transplantation: A Case Report  
*Niccolo Napoli, Italy*
- CC03: Pancreas Transplantation In Highly Sensitized Patient  
*Marcelo Perosa, Brazil*
- CC04: Kidney Autotransplantation After Ipsilateral Simultaneous Pancreas-Kidney Transplant  
*Marcelo Perosa, Brazil*
- CC05: An Mdt Approach To Detection, Investigation And Treatment Of Pancreas Transplant Graft Dysfunction  
*Angeles Maillp Nieto, UK*

10:55 - 11:15 Expert Panel Discussion: *Joana Ferrer | Barcelona, Spain; Marcelo Perosa | Sao Paulo, Brazil; Fabio Vistoli | Pisa, Italy; Colin Wilson | Newcastle, UK*

**11:30 - 12:00 Coffee break**

**12:00 - 12:40 COMMUNICATION IN TRANSPLANTATION: GETTING THE MESSAGE OUT**  
**Chairs:** *Valeria Sordi | Milan, Italy; Hannah Esser | Innsbruck, Austria*

12:00 - 12:25 The role of social media in transplantation  
*Aimen Amer | Newcastle, United Kingdom*  
*Mehdi Maanaoui | Lille, France*

12:25 – 12:40 To pay or not to pay: publication in medical journals  
*Thierry Berney | Geneva, Switzerland*

**12:40 – 14:00 Lunch break**



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## 14:00 – 15:00 CLINICAL INSIGHTS: COVID AND MORE

**Chairs:** *Jon Odorico | Madison, United States; Francois Pattou | Lille, France*

14:00 – 14:30 Targeting inflammation: Covid-19 and islet transplantation  
*Lorenzo Piemonti | Milan, Italy*

14:30 – 15:00 How to treat COVID in transplant patients.  
*Paolo Grossi | Varese, Italy*

## 15:00 – 16:00 ORAL PRESENTATIONS : BASIC SCIENCE – ISLET AND PANCREAS

**Chairs:** *Hanne Scholz | Oslo, Norway; Rebecca Spiers | Oxford United Kingdom*

- OP19: Acute Cellular Rejection In Pancreas Biopsy Specimens: A Transcriptomic Analysis And Validation Of The Tissue Common Response Module (Tcrm) Score  
*Audrey Brown | San Francisco, USA*
- OP20: Comparison Of Different Hyaluronic Acid-Based Matrices To Improve Human Islet Survival In Macroencapsulation Devices  
*Paul Johnson | Oxford, UK*
- OP21: Identification Of Beta Cell Differentiation-Prone Ipsc Clone For Cell Therapy Of Diabetes  
*Valentina Zamarian | Milan, Italy*
- OP22: Nkx6.1: A New Quality Control To Predict Human Beta Cell Function Post Transplantation.  
*Gianni Pasquetti | Mons-en-Baroeul, France*
- OP23: Endothelial Glycocalyx Shedding In Patients Undergoing Pancreas Transplantation  
*Andrea Llaves López | Barcelona, Spain*
- OP24: Pancreatic Islet Number And Deceased Organ Donor Factors As Atool For Pancreatic Donor Assessment For Transplantation  
*Juan Fernandez | Murcia, Spain*

## 16:00 – 16:30 Coffee break

## 16:30 – 17:30 SIX OF THE BEST - ORAL PRESENTATIONS

**Chairs:** *Joana Ferrer | Barcelona, Spain; Julie Kerr-Conte | Lille, France*

- OP25: Biofabrication Of A Functional Xenogenic Vascularized Endocrine Pancreas (Vep) For Type 1 Diabetes  
*Antonio Citro | Milan, Italy*
- OP26: Overexpression Of Hpd-L1 In Neonatal Porcine Islets Improves Long-Term Xenograft Survival In Humanized Nsg Mice  
*Yutian Lei | Munich, Germany*
- OP27: Islet Isolation And Transplantation Outcomes From Donation After Circulatory Arrest Donors In The UK  
*Claire Counter | Bristol, UK*



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- OP28: Islet Transplantation Versus Insulin Alone In Type 1 Diabetic Kidney Transplant Recipients: A French Nationwide Study On Behalf Of The Trepid Group.  
*Mehdi Maanaoui | Lille, France*
- OP29: Primary Graft Function Predicted 5-Year Outcomes Of Islet Allotransplantation: A Retrospective Cohort Study From The Citr In 1210 T1d Patients  
*Mikael Chetboun | Lille, France*
- OP30: Metabolic Outcomes After Pancreas Transplant Alone From Donation After Circulatory Death Donors-The Uk Transplant Registry Analysis  
*Anand Muthusamy | London, UK*

**17:30 – 18:00 CLOSING & AWARDS**