



The European
Pancreas and Islet
Transplant Association

12th EPITA Symposium & 41st AIDPIT Workshop

22-24 January 2023,
Innsbruck-Igls, Austria

**FINAL
PROGRAMME**

#ESOT_EPITA

This is the largest meeting in Europe where experts in the field of pancreas and islet transplantation can get together to share knowledge, experiences and outcomes. It is such a small niche area this meeting is critical to the working objectives for many beta cell programs and education for everyone involved in beta cell replacement.

Educational Objectives

After attending this workshop, participants will be able to:

- Guide expertise in islet isolation and patient management
- Aspects of Immunology and current immunosuppression relevant to patients who have beta cell replacement
- Complex case discussions
- Management of infectious disease in transplant patients
- Knowledge dissemination with social media

Scientific Organisers

Steve White - EPITA Chair

Julie Kerr-Conte - EPITA Vice-Chair

Claudia Bosmuller - EPITA Board member

Joana Ferrer - EPITA Board member

Michiel Nijhoff - EPITA Board member

Valeria Sordi - EPITA Board member

Fabio Vistoli - EPITA Board member

Eelco De Koning - EPITA Past Chair



Venue

The event is taking place in-person:
congresspark igls
Kurweg
6080 Innsbruck-Igls, Austria

General Information

The official language of the conference is English.

All participants must register online through the official website.

The main hashtag of the event is #ESOT_EPITA , please share responsibly.

Accreditation

12th EPITA Symposium & 41st AIDPIT Workshop, Innsbruck-Igls, Austria, 22/01/2023-24/01/2023 has been granted 10 European CME credits (ECMEC[®]s) by the European Accreditation Council for Continuing Medical Education (EACCME[®]).



**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 Fousteri | 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

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 Vantuyghem | 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

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

Day 3 - Tuesday 24 January 2023

09:00 - 11:00 PARALLEL CASE STUDY

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

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

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

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



ACKNOWLEDGEMENTS

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