Scientific Programme

Sunday 29th January, 2017

17:30 – 19:00 Opening Session
Chairs: Eelco de Koning, The Netherlands; Johann Pratschke, Germany

17:30 – 17:40 Welcome
Chair: Johann Pratschke, Germany

17:40 – 18:20 Pathology after pancreas - islets tx
Cinthia Beskow Drachenberg, United States

18:20 – 19:00 Genome editing
Angelo Lombardo, Italy

Monday 30th January, 2017

08:30 – 10:40 Session 1: Pancreas
Chairs: Steven White, United Kingdom
Peter Stock, United States

08:30 – 08:50 Normothermic perfusion for pancreas and islets tx
Christopher Watson, United Kingdom

08:50 – 09:10 Bariatric surgery in potential tx recipients
François Pattou, France

09:10 – 09:30 Humoral rejection after pancreas-islets tx
Susan Fuggle, United Kingdom

09:30 – 10:40 Oral Presentations (Pancreas)

OP1 - THE ROLE OF PANCREAS TRANSPLANT EXOCRINE SECRETIONS IN URINARY TRACT INFECTION
Matthew Byrne

OP2 - PANCREATIC B-CELLS CAN RECOVER THEIR IDENTITY AFTER A MODIFIED BYPASS SURGERY
Zubiaga Lorea
OP3 - AN EX-VIVO NORMOTHERMIC PORCINE PANCREAS PHYSIOLOGICAL MODEL - IMPLICATIONS FOR PANCREAS AND ISLET TRANSPLANTATION
Rohan Kumar

OP4 - LONGTERM RESULTS FOLLOWING ALEMTUZUMAB VERSUS ATG INDUCTION THERAPY IN COMBINED KIDNEY-PANCREAS TRANSPLANTATION: A SINGLE CENTER REPORT
Claudia Bosmuller

OP5 - CMV INFECTION WITH ALEMTUZUMAB VS. BASILIXIMAB INDUCTION THERAPY FOR SIMULTANEOUS PANCREAS AND KIDNEY (SPK) TRANSPLANTATION
Aditya Kanwar

OP6 – TITLE TO BE CONFIRMED

Discussion

10:40 – 11:00 Coffee break

11:00 – 12:40 Session 2: Islets
Chairs: Michael Rickels, United States
         Barbara Ludwig, United Kingdom

11:00 – 11:20 What is the perfect place for islets?
Lorenzo Piemonti, Italy

11:20 – 11:40 Biomarkers of beta-cell death
Bart Keymeulen, Belgium

11:40 – 12:40 Oral Presentations (Islets)

OP7 - IMPACT OF PRIMARY GRAFT FUNCTION ON LONG-TERM (10 YEARS) OUTCOME OF ISLET TRANSPLANTATION WITH THE EDMONTON PROTOCOL
Marie-Christine Vantyghem

OP8 - ISLET ALLO-AUTOTRANSPLANTATION: ALLOGENEIC PANCREAS TRANSPLANTATION FOLLOWED BY TRANSPLANT PANCREATECTOMY AND ISLET TRANSPLANTATION
Michiel Nijhoff
Scientific Programme

OP9 - SALVAGE ISLET AUTO TRANSPLANTATION AFTER RELAPARATOMY
Lorenzo Piemonti

OP10 - TOTAL PANCREATECTOMY WITH ISLET AUTOTRANSPLANTATION IN PROPERLY SELECTED PATIENTS WITH CHRONIC PANCREATITIS IMPROVES QUALITY OF LIFE ALLOWING FOR THE RESOLUTION OF THE INTRACTABLE PAIN WITH GOOD GLUCOSE CONTROL
Justina Gołębiewska

OP11 - USE OF THE GLUCOSE-DEPENDENT INSULIN SECRETION RATE (GDISR) AS A NOVEL PREDICTOR OF ISLET GRAFT FUNCTION
Ioannis Spiliotis

Discussion

13:00 – 14:10  DOMPE Lunch Symposium
Chair: Lorenzo Piemonti, Italy
13:00 – 13:20  Rejection and inflammation
Decio Eizirik, Belgium
13:20 - 13:40  Treatment of inflammatory changes after solid organ tx
Johann Pratschke, Germany
13:40 – 14:00  Beta-cell preservation
Emanuele Bosi, Italy
14:00 – 14:10  Concluding remarks

14:10 – 14:30  Coffee break

14:30 – 16:00  Session 3: Islets
Chairs: Frantisek Saudek, Czech Republic
         Jochen Seissler, Germany
14:30 – 14:50  Impact of beta-cell replacement on diabetes complications
Piero Marchetti, Italy
14:50 – 16:00  Oral Presentations (Islets)
OP12 - CREATION OF THE ARTIFICIAL CAVITY FOR SUBSEQUENT TRANSPLANTATION OF PANCREATIC ISLETS USING PLCL SCAFFOLD
Jan Kritz

OP13 - INFLUENCE OF PANCREAS DONOR CHARACTERISTICS ON ISLET ISOLATION YIELD
Mikael Chetboun

OP14 - REGULATED EXPRESSION OF NLRP3 INFLAMMASOME IN HUMAN ISLETS
Vanessa Lavallard

OP15 - CO-CULTURE OF HUMAN ISLETS WITH EXTRACELLULAR MATRIX PROTEINS CONFRS BENEFITS ON ISLET SURVIVAL AND ISLET FUNCTION
Samuel Acreman

OP16 - SYNDEN 4 EXPRESSION IN PANCREATIC BETA CELLS
Estelle Brioudes

OP17 - INTRA-OMENTAL GRAFT WITH A PLASMA HYDROGEL CARRIER: A PROMISING ALTERNATIVE FOR ISLETS TRANSPLANTATION
Anais Schaschkow

Discussion

16:00 – 16:30  Coffee break

16:30 – 18:30  Session 4: Pro/Con: Stem Cells VS Xenotransplantation
Chairs: Helmut Arbogast, Germany
Eelco de Koning, The Netherlands

16:30 – 16:50  Xeno
Jochen Seissler, Germany

16:50 – 17:10  Stem cells
Jon Odorico, United States

17:10 – 17:30  Q&A
17:30 – 18:30 **Oral Presentations (Controversy)**

**OP18** - **HOW TO OVERCOME HUMAN ISLETS DEMAND FOR RESEARCH: PRODUCTION FROM INDUCED PLURIPOTENT STEM CELLS (IPS DF19.9)**
Alix Vaissié

**OP19** - **BIOENGINEERING VASCULARIZED ISLET ORGANS FOR THE TREATMENT OF TYPE 1 DIABETES**
Antonio Citro

**OP20** - **LIGHT/TNFSF14 AND GLUCOTOXICITY INDUCE AN ADVERSE EFFECT ON HUMAN ISLETS THROUGH ELEVATION OF ISLET DYSFUNCTION AND APOPTOSIS**
Shadab Abadpour

**OP21** - **PRISM: A FAST, COMPACT, IN-LINE, HIGH YIELD, HUMAN PANCREATIC ISLET ISOLATION METHOD**
Jason Doppenberg

**OP22** - **RAPID REMOVAL OF ALL IGG AND ALL ANTI-HLA ANTIBODIES IN IMMUNIZED PATIENTS. - TWO DOSE FINDING STUDIES OF THE IGG DEGRADING ENZYME IDES**
Gunnar Tufveson

**OP23** - **TLR4 CONTRIBUTES TO THE DEVELOPMENT AND PARTICIPATES IN THE MAINTENANCE OF AUTOIMMUNE DIABETES**
Mohamed Alibashe Ahmed

Discussion
Tuesday 31st January, 2017

09:00 – 12:20  Session 5: Young Investigator Workshops
09:00 – 10:00  Pancreas and Islets Joint
Chair: Robert Langer, Hungary
10:00 – 10:10  Break
10:10 – 12:20  Pancreas discussion tables topics:
TABLE 1: clinician commenting consequences of hepatologists’ findings with Cinthia Beskow Drachenberg
TABLE 2: thrombosis with Steven White
TABLE 3: complicated recipient

10:10 – 12:20  Islets discussion tables topics:
TABLE 1: “fast track” islets isolation with Marten Engelse
TABLE 2: personalized islet isolation (DCD vs. Extended donors) with Sarah Cross and Julie Kerr-Conte
TABLE 3: quality assessment after islet isolation with Barbara Ludwig
TABLE 4: collagenase with Balamurugan Appakalai

12:20 – 13:30  Lunch break and poster viewing

13:30 – 14:40  Novonordisk Technology Session
Chair: Roger Lehmann, Zurich, Switzerland
13:30 – 13:50  Metabolic control after pancreas/islet tx
Michael Rickels, United States
13:50 – 14:20  Symptomatic treatments or saving lives?
Tea Monk-Hansen, Denmark
14:20 – 14:40  Q&A

14:40 – 15:40  Session 6: Oral Presentations (Islets)
OP24 - INFECTION RISKS AFTER PANCREATECTOMY AND AUTOLOGOUS ISLET CELL TRANSPLANTS AFTER PREVIOUS PANCREATICOJEJUNOSTOMY AND COMPLEX PANCREATIC TRAUMA
Jennifer Logue
OP25 - COMPARATIVE EVALUATION OF SIMPLE INDICES USING A SINGLE FASTING BLOOD SAMPLE TO ESTIMATE BETA CELL FUNCTION AFTER ISLET TRANSPLANTATION
Justyna Gołębiewska

OP26 - GONADIC AND BONE ASSESSMENT AFTER DIABETES CELL THERAPY WITH EDMONTON PROTOCOL IN WOMEN
Marie-Christine Vantyghem

OP27 - EVOLUTION OF GONADAL FUNCTION AND T-SCORE AFTER CELL THERAPY FOR TYPE 1 DIABETES UNDER IMMUNOSUPPRESSION INVOLVING SIROLIMUS-TACROLIMUS
Marie-Christine Vantyghem

OP28 - RECURRENCE OF SEVERE HYPOGLYCAEMIA FOLLOWING PANCREATIC ISLET TRANSPLANTATION
Anneliese Flatt

Discussion

15:40 – 16:00 Coffee break

16:00 – 18:00 Session 7: Presidential Debate
Chair: Johann Pratschke

16:00 – 16:40 Outcomes of the EPITA+IPITA Joint Workshop (EPITA)
Michael Rickels, United States and Peter Stock, united States

16:40 – 17:40 How can we build a closer cooperation?
Panelists: Michael Rickels, Peter Stock. Thierry Berney, Lorenzo Piemonti, Roger Lehmann, Eelco de Koning, Steve White

17:40 – 18:00 Poster Awards ceremony

18:00 – 18:15 Concluding remarks