

# PROGRAMM AUSTROTRANSPLANT 2024

## Mittwoch, 16. Oktober 2024

18:00 - 18:15 **Eröffnung**  
Saal Salzburg 1 / Erdgeschoss

Eröffnung  
**Matthias Biebl**  
Tagungsorganisation, Austrotransplant 2024

**Thomas Soliman**  
Präsident, Austrotransplant

18:15 - 19:30 **Plenum 1: Eröffnungssymposium: Einsatzmöglichkeiten polyklonaler Antikörper in der Transplantation**  
*(mit Unterstützung durch neovii)*  
Saal Salzburg 1 / Erdgeschoss

**Vorsitz:** Gregor Bond, Wien; Daniela Kniepeiss, Graz

To deplete or not deplete - is it still a question?  
**Gerald Brandacher, Innsbruck**

Stellenwert von ATG in der HSCT  
**Christina Peters, Wien**

Treg basierte Therapiestrategien  
**Robert Öllinger, Berlin**

19:30 - 22:00 **Eröffnungscocktail**  
Saal Salzburg 2 / Erdgeschoss  
VERBINDLICHE Voranmeldung notwendig. No-Show Gebühr (bei Nichterscheinen nach Anmeldung): EUR 50,00 pro Person!

## Donnerstag, 17. Oktober 2024

08:00 - 09:30 **Parallelsitzung I: Basic Science**  
Saal Salzburg 1 / Erdgeschoss

**Vorsitz:** Philipp Stiegler, Graz; Nina Worel, Wien

Enhanced In Vitro Functionality of Porcine Hepatocytes Using 3D Culture Techniques Including Precision-Cut Liver Slices  
**Jennifer Weber, Graz**

Identifying the cellular source of donor-specific antibodies  
**Moritz Muckenhuber, Wien**

Establishing an in vitro model with Precision-Cut Liver Slices with extended viability for medical research applications  
**Johannes Attendeder, Graz**

Costimulation-independent secretion of IgM DSA by marginal zone B cells  
**Marlena Buresch, Wien**

Influence of ATG on transferred and endogenous regulatory T cells in mice  
**Anna Marianne Weijler, Wien**

Early detection of postoperative infections via continuous temperature monitoring  
**Lars Schäfer, Graz**

Performance of Steatotic Pig Livers during Sub-Normothermic Machine Perfusion  
**Sabrina Stimmeder, Graz**

Serum Proteomics Analysis of Lung Transplant Patients Receiving Different Induction Therapies  
**Shahrooz Nasrollahi-Shirazi, Wien**

Induced pluripotent stem cell derived hepatocyte-like cells to enhance liver regeneration during normothermic machine perfusion  
**Julia Hofmann, Innsbruck**

08:00 - 09:30

### **Parallelsitzung II: Lunge**

Saal Wolfgangsee / Erdgeschoss

**Vorsitz:** Alberto Benazzo, Wien; Holger Flick, Graz

#### **Impulsvortrag**

Donor/Recipient Size Matching, from Chest X-ray to Artificial Intelligence  
**Georg Lang, Zürich**

#### **Abstracts**

Extended 24-Hour EVLP for Human Donor Lungs: Overcoming Electrolyte Imbalances and Potentially Extending Perfusion Times with Added Hemodiafiltration  
**Panja Böhm, Wien**

Initial experience with remote ECMO implantation as bridge-to-lung transplant or bridge-to-decision  
**Panja Böhm, Wien**

#### **Impulsvortrag**

Infectious Lung diseases as indication for lung transplantation: the era after CF  
**Holger Flick, Graz**

#### **Abstracts**

The Impact of Preformed Donor-Specific Antibodies on Outcome after Lung Transplantation: a Retrospective Single-Center Experience  
**Sophia Auner, Wien**

Beyond the Organ: Lung Microbiome Shapes Transplant Indications and Outcomes  
**Florian Ponholzer, Innsbruck**

08:00 - 09:30

### **Parallelsitzung III (interprofessionell): Psychologie**

Saal Attersee / Erdgeschoss

**Vorsitz:** Jolana Wagner-Skacel, Graz; Bettina Gober, Wien

Non-adhärenz nach Nierentransplantation - Wie zu erkennen?  
**Frederik Haupenthal, Wien**

Adhärenzfördernde Patient:innenedukation nach einer Nierentransplantation  
**Brigitte Zinner-Wanggo, Wien**

Mom needs a transplant: the psycho-social impact on a family  
**Esther Scheide, Amsterdam**

Die TransplanTiere - der Film  
**Marion Floquet, Wien**

09:30 - 10:00 **Kaffeepause & Besuch der Ausstellung**  
Saal Salzburg 2 / Erdgeschoss

10:00 - 11:30 **Plenum 2 (interprofessionell): Wege aus dem Organmangel**  
Saal Salzburg 1 / Erdgeschoss

**Vorsitz:** Gabriela Berlakovich, Wien; Gerald Brandacher, Innsbruck

Potential der Maschinenperfusion  
**Georg Lurje, Heidelberg**

Subzero Organ Preservation - Taking Time Out of the Equation  
**Gerald Brandacher, Innsbruck**

Hard to Place Organs und Möglichkeiten, diese zu vermitteln  
**Stefan Schneeberger, Innsbruck**

NRP in Österreich  
**Benno Cardini / Stephan Eschertzhuber, Innsbruck**

Optimierte Nutzung von DCD Organen  
**Philipp Dutkowski, Zürich**

11:45 - 13:45 **Lunchtime Sitzung: Comprehensive LifePort Training:  
Theory and hands-on**

*(organisiert von Organ Recovery)*

Raum Pinzgau / 1. Obergeschoss

**Voranmeldung notwendig:** <https://forms.office.com/r/heBvKfKkpr>

This session will provide an in-depth understanding of LifePort Kidney Transporter, starting with a theoretical overview of the device and followed by a hands-on cannulation session. Designed to master the LifePort's application in clinical practice.

11:45 - 12:45 **Lunchtime Sitzung: Runder Tisch:  
Desensibilisierungstherapie von HS-Patienten vor NTx**

*(organisiert von Hansa Biopharma)*

Raum Tennengau / 1. Stock

**Vorsitz:** Rainer Oberbauer, Wien

Patientenpopulationen, für die eine Desensibilisierung mit Imlifidase in Frage kommt

**Rainer Oberbauer, Wien**

Protokoll der NTx mit Imlifidase Desensibilisierung  
(Prozess vom Delisting über Allokation und Imlifidase-XM-Konversion zur Transplantation)

**Kathrin Eller, Graz**

Delisting-Strategien, wissenschaftliche und operative Aspekte  
**Farsad Eskandary, Wien**

11:45 - 12:45

## **Poster Walk**

Foyer / Erdgeschoss

### **Poster Walk 1:**

**Moderatoren:** Rupert Oberhuber, Innsbruck; Christian Margreiter, Graz

#01 IONA – Interdisciplinary Oncological Follow-Up Clinic in Vienna, updated results after 4 years of experience

**Sabine Burger, Wien**

#03 Non-Alcoholic Steatohepatitis Pig Model for Transplantation Research

**Sabrina Stimmeder, Graz**

#04 Multimodal Photoacoustic and Ultrasound Imaging System during Ex-vivo Organ Perfusion

**Sabrina Stimmeder, Graz**

#05 The effect of hemolysis during normothermic machine perfusion of the kidney in RPTEC cells

**Julia Hofmann, Innsbruck**

#06 Hyperspectral imaging for organ quality assessment of a machine perfused donor liver

**Mohamed El-Mahrouk, Graz**

#07 Association of inflammatory parameters and complement activity on Torque Teno virus load in liver transplant patients and healthy volunteers

**Markus Wahrmann, Wien**

#08 Probiotic intervention to reduce postoperative inflammation in liver transplantation

**Judith Kahn, Graz**

#09 Liver Transplantation in Metastatic Colorectal Cancer: First case from the Medical University Graz

**Christian Margreiter, Graz**

#10 Improving adherence to immunosuppression after liver or kidney transplantation in individuals with impairments in personality functioning – A randomized controlled single center feasibility study

**Jolana Wagner-Skacel, Graz**

#11 Impact of Extracorporeal Photopheresis on Soluble Factors in Serum of Lung Transplant Recipients: Preliminary Findings

**Panagiotis Parsonidis, Wien**

=====

### **Poster Walk 2:**

**Moderatoren:** Georg Györi, Wien; Thomas Resch, Innsbruck

#12 Evaluation of the most common microorganisms causing surgical site infections after renal transplantation

**Mohamed El-Mahrouk, Graz**

#13 Targeting CD38 in antibody-mediated rejection – The potential of noninvasive biomarkers to detect rejection reversal and recurrence

**Martina Schatzl, Wien**

#14 Diaphragmal leak with pleural effusion 1 year after peritoneal dialysis (PD)

**Nadina Roth, Linz**

#15 Analysis of donor factors in post-mortem kidney transplantation over the years  
**Andras Deak, Graz**

#16 Preoperative evaluation of the iliac calcification score before kidney transplantation and its impact on postoperative complications  
**Tim Eichler, Graz**

#17 Potential impact of *Strongyloides stercoralis* for future kidney transplant recipients  
**Daniela Gerges, Wien**

#18 Monitoring of medical adherence to immunosuppressive drugs by electronic healthcare data in kidney transplant recipients – a prospective study  
**Sebastian Kapps, Wien**

#19 Proteinuria in Deceased Kidney Transplant Donors for Prediction of Chronic Lesions in Pre-Transplant Biopsies – an ongoing prospective multi-center study  
**Florina Regele, Wien**

#20 The impact of immunosuppression on the occurrence of malignancies after kidney transplantation  
**Frederick Haupenthal, Wien**

#21 Modifiable risk factors for the development of BKPyV-associated complications:  
a systematic meta-analysis  
**Michael Eder, Wien**

#22 Early progression of chronic histologic lesions in kidney transplant biopsies is not associated with HLA histocompatibility  
**Rhea Jabbour, Wien**

13:00 - 14:30

### **Plenum 3: Jungforscher Preise**

Saal Salzburg 1 / Erdgeschoss

**Vorsitz:** Daniel Cejka, Linz; Kathrin Eller, Graz

#### **KLINISCH**

Nor-ursodeoxycholic acid improves biliary markers during normothermic machine perfusion  
**Jule Dingfelder, Wien**

Targeting CD38 in Antibody-Mediated Kidney Transplant Rejection  
**Katharina Mayer, Wien**

Influence of preservation method and contamination during preservation on outcome after liver transplantation  
**Jule Dingfelder, Wien**

Improved Decision Making during Hypothermic Oxygenated Machine Perfusion of Liver Grafts via Simple Evaluation of Perfusate Electrolytes and Lactate  
**David Pereyra, Wien**

#### **EXPERIMENTELL**

Extended preservation of kidneys at subzero temperature using nature-inspired cryoprotectants – a pilot study in a large animal model  
**Marlene Pühringer, Innsbruck**

Therapeutic application of norUrsodeoxycholic acid in normothermic machine perfusion reduces perfusate apoptosis markers in livers rejected for transplantation  
**Laurin Rauter, Wien**

Long-Term Tolerance in Heart Allografts Through Selective In-Vivo Expansion of regulatory T cells  
**Laurenz Wolner, Wien**

Enhanced Renal Tissue Regeneration and Functional Recovery with IL-15 Treatment in Acute Kidney Injury  
**Agnes Mooslechner, Graz**

14:30 - 15:00 **Kaffeepause & Besuch der Ausstellung**  
Saal Salzburg 2 / Erdgeschoss

15:00 - 16:30 **Parallelsitzung I: Niere 1**  
Saal Salzburg 1 / Erdgeschoss

**Vorsitz:** Rainer Oberbauer, Wien; Maria Haller, Linz

**Impulsvortrag**  
Die Bedeutung von NK Zellen in der ABMR  
**Matthias Diebold, Basel**

#### **Abstracts**

Spatial Transcriptomics of Glomeruli from Kidney Transplant Biopsies with Microvascular Inflammation with and without the Presence of DSA  
**Johannes Kläger, Wien**

Long-term Outcome following Pediatric Kidney Transplantation is Similar to Adult Kidney Transplantation  
**Johannes Schauer, Innsbruck**

Establishing a DCD Program in the Region North: First Experiences  
**Manfred Kalteis, Linz**

15:00 - 16:30 **Parallelsitzung II: Stammzellen Transplantation 1**  
Saal Wolfgangsee / Erdgeschoss

**Vorsitz:** Johannes Clausen, Linz; Nina Worel, Wien

Stepwise implementation of a risk factor-based algorithm for the use and dosage of anti-T-lymphocyte globulin (ATLG) for the prevention of severe graft-versus-host disease (GVHD) in a single stem cell transplant center – a retrospective analysis  
**Johannes Clausen, Linz**

Mikrobiom und Zelltherapien: 'Der Tod sitzt im Darm? Was Sie über Ernährung, Mikrobiom und moderne T Zelltherapien schon immer wissen wollten'  
**Felix Keil, Wien**

ECP: Indikation- Durchführung – Therapieerfolg  
**Sareban Nazanin, Graz**

Ruxolitinib in acute and chronic graft-versus-host disease - extended follow-up of a named patient use cohort including overlap- and donor lymphocyte induced GvHD  
**Anna Bauhofer, Linz**

Long-term Outcome after Reduced Intensity Conditioning (RIC)- based allogeneic Hematopoietic Stem Cell Transplantation (HSCT) in pediatric Sickle Cell Disease (SCD)  
**Natalija Zubarovskaya, Wien**

**+++++ Drinks & Snacks kindly provided by NEOVII +++++**

15:00 - 16:30 **Parallelsitzung III (interprofessionell): GVHD & Multidisziplinäre Betreuung**

Saal Attersee / Erdgeschoss

**Vorsitz:** Zuzana Steiner, Wien; Anita Lawitschka, Wien

Pflege und Topische Therapien bei GVHD  
**Zuzana Steiner, Wien**

Physiostatus bei GVHD  
**Simone Gutdeutsch, Wien**  
Ernährung bei pädiatrischer Darm GVHD  
**Barbara Lechner, Wien**

ePROTECT  
**Gabriele Kropshofer, Innsbruck**

Multidisziplinäre Betreuung in der Langzeitnachsorge durch IONA  
**Sabine Burger, Wien**

EU-CAYAS-NET: The European Network of Youth Cancer Survivors  
**Hannah Gsell, Wien**

**+++++ Drinks & Snacks kindly provided by NEOVII +++++**

16:45 - 18:15 **Plenum 4: Welche Optionen gibt es für hochsensibilisierte Kandidaten für eine Nierentransplantation?**

Saal Salzburg 1 / Erdgeschoss

**Vorsitz:** Rainer Oberbauer, Wien; Farsad Eskandary, Wien

Definition von Sensibilisierung – was sagt das HLA Labor?  
**Gottfried Fischer, Wien**

Welche Antikörper in welcher Höhe sind zu beachten/stellen ein Problem dar  
Desensibilisierung – was funktioniert?  
**Farsad Eskandary, Wien**

Imlifidase – Indikationen und was ist die Evidenz/Erfahrung bisher  
**Rainer Oberbauer, Wien**

Erhaltungstherapie nach erfolgreicher Desensibilisierung – was ist gesichert?  
**Kathrin Eller, Graz**

18:15 - 18:45 **ATX Generalversammlung**

Saal Wolfgangsee / Erdgeschoss

19:30 - 02:00 **Award-Dinner & Networking**

Stiegl-Keller

VERBINDLICHE Voranmeldung notwendig. No-Show Gebühr (bei Nichterscheinen nach Anmeldung): EUR 50,00 pro Person!

## Freitag, 18. Oktober 2024

09:00 - 10:30

### **Parallelsitzung I: Herz**

Saal Wolfgangsee / Erdgeschoss

**Vorsitz:** Daniel Zimpfer, Wien; Günther Laufer, Graz

#### **Impulsvortrag**

DCD Herztransplantation - direct procurement versus normotherme regionale Reperfusion

**Julia Dumfarth, Innsbruck**

#### **Abstracts**

Extracorporeal membrane oxygenation as a bridge-to-heart transplantation: an in-depth analysis

**Luca Conci, Wien**

Torque-Teno Viral Load - A New Tool to Predict Donor-Specific Antibodies in Pediatric Heart Transplantation Recipients

**Julian Heno, Wien**

Heart transplantation in propionic acidemia – two successful cases

**Lukas Stastny, Innsbruck**

09:00 - 10:30

### **Parallelsitzung II: Niere 2**

Saal Attersee / Erdgeschoss

**Vorsitz:** Gregor Bond, Wien; Kathrin Eller, Graz

#### **Impulsvortrag**

Felzartamab bei Humoraler Abstoßung nach Nierentransplantation

**Katharina Mayer, Wien**

#### **Abstracts**

"YouTube" for surgical training and education in donor nephrectomy: Friend or foe?

**Mohamed El-Mahrouk, Graz**

The potential of hematocrit and albumin correction to uncover adverse effects of tacrolimus through level variability in pediatric kidney transplant recipients

**Fabian Eibensteiner, Wien**

Robotic assisted nephrectomy for living kidney donation: experience and results of a single Centre – University Hospital of Graz

**Saulius Mikalauskas, Graz**

10:30 - 11:00

### **Kaffeepause & Besuch der Ausstellung**

Saal Salzburg 2 / Erdgeschoss



11:00 - 12:30

### **Parallelsitzung I: Leber**

Saal Wolfgangsee / Erdgeschoss

**Vorsitz:** Robert Sucher, Graz; Rupert Oberhuber, Innsbruck

#### **Impulsreferat**

Viability Assessment during Hypothermic Machine Perfusion

**Gabriela Berlakovich, Wien**

#### **Abstracts**

Hyperspectral Imaging as a tool to predict organ reperfusion quality in liver transplantation

**Antonia Geisler, Graz**

Dual Hypothermic Oxygenated Perfusion of Liver Grafts Before Transplantation is Associated with Reduction of Severe Biliary Complications

**David Pereyra, Wien**

A new classification of biliary complications after liver transplantation – consensus guidelines from the BileducTx meeting

**Hannah Esser, Innsbruck**

A translational model for long-term normothermic machine perfusion of porcine livers

**Christina Bogensperger, Innsbruck**

Immunosuppressive Induction Therapy using the Antithymocytoglobulin Grafalon® – A Single-Center Non-Interventional Study

**Nikolaus Becker, Wien**

Development of a telemedicine model (TXMobile App) to support the after-care of patients after liver transplantation

**Angelika Rzepka, Graz**

11:00 - 12:30

### **Parallelsitzung II (interprofessionell): Stammzellen Transplantation 2**

Saal Attersee / Erdgeschoss

**Vorsitz:** Nina Worel, Wien; Anita Lawitschka, Wien

Donor C1 Group KIR-ligand inferiority is linked to increased mortality in haploidentical hematopoietic stem cell transplantation with post-transplant cyclophosphamide

**Johannes Clausen, Linz**

Methodik Kryokonservierung SZ-Transplantat und Viability

**Elke Zipperer, Wien**

CD34 Positive Selection of Cryopreserved Stem Cell Concentrates

**Konrad Roskopf, Graz**

From tumor board decision to infusion: timeline of CD19 CAR-T cell therapy at the Medical University of Vienna

**Stephanie Winter, Wien**

12:30 - 13:30 **Lunchsymposium: CMV: Neues aus Forschung und Klinik**

*(von MSD organisiert)*

Saal Attersee / Erdgeschoss

**Vorsitz:** Stefan Schneeberger, Innsbruck

CMV Prophylaxe nach Nierentransplantation

**Rainer Oberbauer, Wien**

CMV bei Kindern

**Volker Strenger, Graz**

13:30 - 13:45 **Verabschiedung**

Saal Attersee / Erdgeschoss

Matthias Biebl, Tagungspräsident