International Symposium
“Cellular and molecular mechanisms and new therapeutic concepts in transplantation”
29 - 30 November 2017
Altes Rathaus Hannover

CONFIRMED SPEAKERS
- Adrian E. Morelli, University of Pittsburgh
- Menna Clatworthy, University of Cambridge
- Pierre Gianello, Université Catholique de Louvain, Leuwen
- Jörg Seebach, Hôpitaux Universitaires Genève
- Giovanna Lombardi, King’s College London
- Wim E. Fibbe, Leiden University Medical Center
- Stefan G. Tullius, Brigham and Women’s Hospital, Boston
- Alberto Sanchez-Fueyo, King’s College London
- Sandy Feng, University of California, San Francisco
- Qizhi Tang, University of California, San Francisco

SESSIONS
- Innate and adaptive immune responses
- Regulatory and humoral responses
- Xenotransplantation and its translation
- New options in stem cell transplantation
- Cell and gene therapy
- Optimizing graft function and new graft options
- Personalized diagnostic and therapeutic approaches
- New and upcoming clinical trials

REQUESTED SPEAKERS
- Mandy Ford, Emory University School of Medicine, Atlanta
- Carl H. June, University of Pennsylvania
- Alexandre Loupy, Hôpital Necker, Paris

And 28 speakers of the organizing German research consortia

INFORMATION AND REGISTRATION
sfb738@mh-hannover.de

EXTERNAL REGISTRATION FEE
EUR 75

Supported by DFG Deutsche Forschungsgemeinschaft
Thursday, November 30th 2017

SESSION V

Cell and gene therapy
Chair: Ulrike Köhl (Hannover, Germany)
Mario Schiffer (Hannover, Germany)
8:30-9:00 Giovanna Lombardi (London, UK)
Tregs after transplantation
9:00-9:30 Wim E. Fibbe (Leiden, Netherlands)
New therapeutic approaches using MSC
9:30-9:45 Nathanael Raschzok (Berlin, Germany)
Cellular concepts for liver regeneration and support
9:45-10:00 Tobias Cuntz (Hannover, Germany)
Cellular reprogramming as therapeutic approach for liver disorders
10:00-10:15 Axel Schambach (Hannover, Germany)
Innovative transplants based on gene and cell therapy approaches
10:15-10:30 Britta Eiz-Vesper / Britta Maecker-Kolhoff (Hannover, Germany)
Broadly applicable virus-specific T cells to treat infections and tumors after transplantation
10:30-11:00 Coffee break

SESSION VI

Optimizing graft function and new graft options
Chair: Johann Pratschke (Berlin, Germany)
Hermann Haller (Hannover, Germany)
11:00-11:30 Stefan G. Tullius (Boston, USA)
Vascularized composite allografts: New developments
11:30-11:45 Andreas H.-Birk (Hannover, Germany)
From decellularized allogeneic to decellularized xenogeneic heart valve prosthesis
11:45-12:00 Annette Mirk (Hannover, Germany)
Taking homecose to the next level
12:00-12:30 Gary Levy (Toronto, Canada)
Living donation and autologous stem cell transplantation for tolerance induction
12:30-12:45 Harald Steitelbein (Berlin, Germany)
IPS-derived human kidney organoids – biological and immunological challenges
12:45-13:00 Elke Eppenberger (Regensburg, Germany)
Adaptive effector cells in ischemia reperfusion injury and allografts
13:00-14:00 Lunch break

SESSION VII

Personalized diagnostic and therapeutic approaches (IFB Session)
Chair: Björn Nashan (Hamburg, Germany)
Axel Haverich (Hannover, Germany)
14:00-14:30 Alberto Sanchez-Fueyo (London, UK)
Tolerance and its associated biomarkers
14:30-15:00 Loti West (Edmonton, Canada)
Garbage to gold: therapeutic regulatory T-cells from discarded human thymus
15:00-15:15 Thomas Trum (Hannover, Germany)
Noncoding RNA based diagnostic and treatment strategies in transplantation medicine
15:15-15:30 Danny Jorai (Hannover, Germany)
Morphological and molecular injury patterns of the transplanted lung
15:30-16:00 Coffee break

SESSION VIII

New and upcoming clinical trials
Chair: Bernhard Barus (Regensburg, Germany)
Urgen Klempnauer (Hannover, Germany)
16:00-16:30 Sandy Feng (San Francisco, USA)
Weaning of immunosuppression

This International Symposium is organized by:

SFB 738 “Optimization of conventional and innovative transplants”
Integrated Research and Treatment Center Transplantation (IFB-Tx)
Clinical Research Group KFO 243 “Early immunological determinants of late transplant outcome”
Transregio SFB-TRR127 “Biology of xenogeneic cell and organ transplantation”
SFB 650 “Cellular approaches to a suppression of unwanted immune reactions – from bench to bedside”

* The ONE study * Regensburg
Charité Berlin
On behalf of the organizing committee, we hope to welcome you in Hannover in November 2017, we are convinced that a lively scientific debate will take place.

Our poster session on the evening of 29 November 2017.

Scientists and students. We encourage participants to submit a poster for the collaborative research centers to enable the participation of numerous national collaborative research centers. The congress fee is sponsored by will contribute to the scientific discussion as well as 28 speakers from our and back. We are happy that fourteen internationally renowned speakers.

We aim in bringing together national research activities in the field of immunology, regulatory immune responses, xenotransplantation, stem cell transplantation, cell & gene therapy, new innovative grafts, biomarkers and clinical trials. The meeting is addressed to basic scientists, translational researchers and physicians interested in understanding mechanisms of immune activation and its regulation in the context of transplantation medicine. The topics presented stretch from basic science to bedside and back. We are happy that thirteen internationally recognized speakers will contribute to the scientific discussion as well as 28 speakers from our national collaborative research centers. The congress fee is sponsored by the collaborative research centers to enable the participation of numerous scientists and students. We encourage participants to submit a poster for our poster session on the evening of 29 November 2017.

We are sure that you will enjoy the atmosphere of the surroundings, and we are convinced that a lively scientific debate will take place.

We hope to welcome you in Hannover in November 2017.

Dear colleagues,

We would like to invite you to the International Symposium “Cellular and molecular mechanisms and new therapeutic concepts in transplantations” organized by Ev. German Collaborative Research Centers (SFB/Transplantation”.

The Symposium will focus on the following topics:

- Innate and adaptive immune responses (FB-Seminar)
- Xenotransplantation and its translation
- Stem cell transplantation and back.

The meeting will be held on 29 and 30 November 2017 in Hannover in the Old Town Hall (Altes Rathaus) next to the famous and traditional Hannover Christmas market.

The meeting will be a platform for scientists and students to exchange ideas, present their latest research findings, and network with other experts in the field.

Venue: Carl-Neuberg Straße 1, 30625 Hannover, Germany

Contact Information:

Dr. med. Elmar Jaeckel
Scientific Secretary of CRC738
Carl-Neuberg Straße 1, 30625 Hannover, Germany
Phone: +49 (0)511-304840
Fax +49 (0)511-3008044
E-mail: altes-schauspa@t-online.de

Dr. med. Petra Huber
Department of Gastroenterology, Hepatology and Endocrinology
Hannover Medical School
Carl-Neuberg Straße 1, 30625 Hannover, Germany
Phone: +49 (0)511-532 6763; +49 (0)176 15326763
Fax: +49 (0)511-532 5560
E-mail: sbf738@mh-hannover.de

Pls. register online on www.sfb738.de

Website: www.concordehotel-am-leinschloss.de

Phone +49 (511) 357910
Fax +49 (511) 3008044

Am Markte 12, 30159 Hannover, Germany

Concorde Hotel am Leineschloss

Venue: Altes Rathaus, Hannover
Karmarschstraße 42, 30159 Hannover, Germany
Phone: +49 (511) 304840
Fax +49 (511) 3008044
E-mail: altes-schauspa@t-online.de

Website: www.altes-rathaus-hannover.de

On behalf of the organizing committee.

Prof. Dr. Michael Manns
Chairman
SFB 738

Dr. Elmar Jaeckel
Scientific Secretary
SFB 738

NEXT WEEK...

**SESSION I**

**REGULATORY AND HUMORAL RESPONSES**

Chair: Prof. Dr. Michael Manns (Hannover, Germany)

**SESSION II**

*10:45-11:00 Matthias Mack (Regensburg, Germany)*

Eicososomes in allogeneic immune responses

**SESSION III**

*11:00-11:30 Andreas Steinle (Berlin, Germany)*

Dendritic cell transplantation: Innate immune responses to xenografts

**SESSION IV**

*16:30-17:00 Coffee break*

**SESSION V**

*17:00-17:15 Michael Zieren (Hannover, Germany)*

Multi-tg pigs for clinical Xeno Tx

*17:15-17:30 Jan Abicht (Munich, Germany)*

Islet cell Tx

**SESSION VI**

*17:30-17:45 Christian Könecke (Hannover, Germany)*

Islet Xenotransplantation

*17:45-18:00 Ernst Hekel (Regensburg, Germany)*

Microbats, antimicrobial peptides and Gut

*18:00-20:30 Poster session and dinner*

**SESSION VI**

*16:30-16:45 Coffee break*

**SESSION VII**

*16:45-17:00 Reinhard Schweizer (Hannover, Germany)*

Neomodulation by enhancement of inhibitory signals

*17:00-17:15 Coffee break*

**SESSION VIII**

*17:15-17:30 Jörg Seebach (Geneva, Switzerland)*

Generation of stable, alloantigen-specific Foxp3 regulatory T cells

*17:30-17:45 Jan Abicht (Munich, Germany)*

Islet Xenotransplantation

*17:45-18:00 Ernst Hekel (Regensburg, Germany)*

Microbats, antimicrobial peptides and Gut

*18:00-20:30 Poster session and dinner*

**SESSION IX**

*18:00-18:15 Petra Huber (Hannover, Germany)*

On the immunomodulatory potential of xenotransplantation

*18:15-18:30 Dr. med. Elmar Jaeckel (Hannover, Germany)*

Xenotransplantation and its translation

**SESSION X**

*18:30-18:45 Dr. med. Jörg H. Seebach (Geneva, Switzerland)*

New options in stem cell transplantation

*18:45-18:50 Dr. med. Jörg H. Seebach (Geneva, Switzerland)*

New options in stem cell transplantation

**SESSION XI**

*18:50-19:05 Dr. med. Jörg H. Seebach (Geneva, Switzerland)*

New options in stem cell transplantation

*19:05-20:00 Poster session and dinner*

**SESSION XII**

*20:00-21:00 Poster session and dinner*

**SESSION XIII**

*21:00-22:00 Poster session and dinner*

**SESSION XIV**

*22:00-23:00 Poster session and dinner*

**SESSION XV**

*23:00-24:00 Poster session and dinner*

**SESSION XVI**

*24:00-25:00 Poster session and dinner*

**SESSION XVII**

*25:00-26:00 Poster session and dinner*