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

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

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

International Symposium
“Cellular and molecular mechanisms and new therapeutic concepts in transplantation”

29 - 30 November 2017
Altes Rathaus Hannover

INFORMATION AND REGISTRATION
sfb738@mh-hannover.de

EXTERNAL REGISTRATION FEE
EUR 75

Supported by Deutsche Forschungsgemeinschaft
**SESSION V**

**Cell and gene therapy**

*Thursday, November 30th, 2017*

**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 Czart (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 Hilleke (Hannover, Germany)
*From decellularized allogeneic to decellularized xenogeneic heart valve prosthesis*

**11:45-12:00** Anette Mürk (Hannover, Germany)
*Taking homeoence 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 Stechschulte (Berlin, Germany)
*iPSC-derived human kidney organoids – biological and immunological challenges*

**12:45-13:00** Elke Epperschick (Regensburg, Germany)
*Inflammatory 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*

**14:30-14:50** Loi West (Edmonton, Canada)
*Garbage to gold: therapeutic regulatory T-cells from discarded human thymus*

**15:00-15:15** Thomas Thun (Hannover, Germany)
*Noncoding RNA based diagnostic and treatment strategies in transplantation medicine*

**15:15-15:30** Danny Jonas (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 Banas (Regensburg, Germany)
Urgen Kilpivaara (Hannover, Germany)

**16:00-16:30** Sandy Feing (San Francisco, USA)
*Waning of immune suppression*

**16:30-16:45** Ulrike Köhl (Hannover, Germany)
*CAR expressing effector cells in stem cell transplantation*

**16:45-17:00** Matthias Ehrig (Regensburg, Germany)
*Donor Treg therapy in acute GVHD*

**17:00-17:30** Qi Lu Tang (San Francisco, USA)
*Clinical trials using adoptive Treg therapy*

**17:30-17:40** Farewell address

Michael P. Manns (Hannover, Germany)

**17:40-19:30** Visit of Christmas market hannover

**19:30** Speaker’s dinner

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**The Venue:** The old Town Hall
Dear colleagues,

We would like to invite you to the international Symposium “Cellular and molecular mechanisms and new therapeutic concepts in transplantation” organized by the German Collaborative Research Center SFB738 “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-DFG TRR127 “Biology of xenografts and organ transplantation”, SFB 650: “Cellular approaches to a suppression of unwanted immune reactions – from bench to bedside”, the European “ONE study” and the Charité Berlin. The meeting will be held on 29 and 30 November 2017 in Hannover in the Old Town Hotel (Altes Rathaus) next to the famous and traditional Hannover Christmas market.

We aim in bringing together national research activities in the field of immunology, regulatory immune responses, xenotransplantation, stem cell transplantation, cell & gene therapy, 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 regulation in the context of transplantation medicine. The topics presented stretch from basic science to bedside and back. We are happy that 14 internationally renowned 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 German Collaborative Research Centers to enable the participation of numerous 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.

We are convinced that a lively scientific debate will take place. We are sure that you will enjoy the atmosphere of the surroundings and our poster session on the evening of 29 November 2017. We would like to invite you to the International Symposium “Cellular and molecular mechanisms and new therapeutic concepts in transplantation following heart transplantation based on donor regulatory T cells” organized by five German Collaborative Research Centers (SFB738 molecular mechanisms and new therapeutic concepts in transplantation,” SFB650 “Cellular approaches to a suppression of unwanted immune reactions – from bench to bedside”), the European “ONE study” and the Charité Berlin. The meeting will be held on 29 and 30 November 2017 in Hannover in the Old Town Hotel (Altes Rathaus) next to the famous and traditional Hannover Christmas market.

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Prof. Dr. Michael Manns, Dr. Elmar Jaeckel
Chairman, Scientific Secretary

Dr. med. Elmar Jaeckel
Scientific Secretary of CrC738:

Carl-Neuberg Straße 1, 30625 Hannover, Germany

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