



Marina Hotel
Am Yachthafen 1-15
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Monday, 14.11.2022

18.00	<i>GET TOGETHER & DINNER</i>
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Tuesday, 15.11.2022

09.00	Welcome and Introduction - Eckhard Wolf
09.10 Guest lecture	Molecular dissection of human ventricular muscle regeneration Karl-Ludwig Laugwitz, Medical Department I, Cardiology, Angiology, Pneumology, Klinikum rechts der Isar, Technical University of Munich
News from the Projects I	
09.40	A1 Targeting stimulatory and inhibitory receptor/ligand interactions to diminish human anti-pig immune responses Reinhard Schwinzer, Constanca Ferreira de Figueiredo
09.55	A2 Local immunomodulation by viral vectors and genetic modifications - Andrea Bähr, Sebastian Michel, Peter Murray, Christian Kupatt
10.10	A3 Analysis of inflammatory circuits during the Instant Blood-Mediated Inflammatory Reaction Triantafyllos Chavakis
10.25	A4 Regulatory T cells in xenotransplantation Elmar Jaeckel, Fatih Noyan
10.40	A5 Immunogenicity of islets of different clinically relevant sources in a preclinical humanized mouse model Claudia Waskow, Barbara Ludwig, Andreas Linkermann
10.55	<i>C O F F E E</i>
11.20 Guest lecture	How to prevent human anti-pig NK cytotoxicity: lessons learned from static and flow experiments Jörg Seebach, Service d'allergologie et d'immunologie clinique, Département de médecine, Hôpitaux universitaires de Genève
11.50 Guest lecture	Ex-vivo liver xenoperfusion for the treatment of acute liver failure Florian Vondran, Klinik für Allgemein-, Viszeral- und Transplantationschirurgie, MH Hannover
12.30	<i>L U N C H</i>

News from the Projects II	
14.00	Z1 Ethical, legal, psychosocial, and societal issues of xenotransplantation Georg Marckmann, Jochen Sautermeister, Nils Hoppe
14.20	B1&2 Modifying the porcine genome for xeno-organ transplantation Angelika Schnieke, Andrea Lucas-Hahn, Björn Petersen, Konrad Fischer
14.40	B3 Genetically engineered donor pigs with improved pancreatic islets Elisabeth Kemter, Anika Böttcher, Nikolai Klymiuk, Eckhard Wolf
15.00	Z2 Microbiological safety including virological safety Ralf R. Tönjes, Antonia W. Godehardt, Joachim Denner, Benedikt B. Kaufer
15.30	<i>P O S T E R S & C O F F E E</i>
17.30 Guest lecture (via Zoom)	Unleashing cells from immune rejection to make off-the-shelf therapies Sonja Schrepfer, Department of Surgery, Division of Cardiothoracic Surgery, Transplant and Stem Cell Immunobiology-Lab, University of California San Francisco
19.00	<i>D I N N E R</i>

Wednesday, 16.11.2022

News from the Projects III	
09.00	C1 Optimization of porcine neonatal islet like cell clusters for clinical transplantation therapy Stephan Speier, Christian Cohrs, Elisabeth Kemter
09.15	C3 Treatment of type 1 diabetes with porcine islet cells: transplantation of multi-transgenic islets expressing immunomodulatory molecules Lelia Wolf-van Buerck, Jochen Seissler
09.30	C4 Optimizing porcine islet macroencapsulation for the treatment of patients with insulin-dependent diabetes mellitus Barbara Ludwig, Stefan Bornstein, Rocio Sancho Zapatero, Petra Welzel
09.45 Guest lecture	New insights into beta cell formation, maturation and heterogeneity from single-cell RNA sequencing Anika Boettcher, Institute of Diabetes and Regeneration Research, Helmholtz Diabetes Centre
10.15	<i>C O F F E E</i>
News from the Projects IV	
10.45	C7 Preclinical assessment of antigen-reduced decellularized porcine heart valves Andres Hilfiker, Serghei Cebotari, Falk Büttner, Heiner Niemann
11.00	C8 Steps to clinical xenogeneic cardiac replacement Matthias Längin, Jan-Michael Abicht, Paolo Brenner, Bruno Reichart
11.15 Guest lecture	Isolated machine perfusion: the future in organ transplantation? Christian Hagl, Clinic for Cardiac Surgery, LMU Klinikum
11.45 Guest lecture	Next-generation CRISPR technologies and clinical translation Julian Grünewald, Medical Department I, Cardiology, Angiology, Pneumology, Klinikum rechts der Isar, Technical University of Munich
12.15	Financials Young Investigator Programme/Early Career Measures/Gender Programme Poster Prizes
12.30	<i>L U N C H</i>
14.00	End of the Meeting

List of Posters