

BIOME Retreat 2019

Core Transplantation Medicine



Date: Tuesday, July 2, 2019

Location: Unperfekthaus Essen, Seminar Room 404, Friedrich-Ebert-Str. 18-26, 45127 Essen

Beginning: 13:00 h

Session 1: Keynote Speaker

Chair: U. Rauen

- 13:00 **Lunch with informal exchange**
- 14:00 **Welcome and introduction of our keynote speaker** (U. Rauen)
- 14:05 **Novel ways to assess donor organs**
Prof. Bas van Balkom (Utrecht)
- 15:00-15:15 **Break** (drinks)

Session 2: Organ Preservation

Chair: M. Lindemann

- 15:15 **Mitochondrial dynamics – fission and fusion at a glance**
Leonard Quiring
- 15:25 **Analysis of mitochondrial ultrastructure in endothelial cells after cold incubation**
Dhanusha Schwan
- 15:35 **First analysis of mitochondrial dynamics during / after cold incubation in kidney cells**
Helen Konrad
- 15:45 **Cold induced mitochondrial alterations in alveolar epithel cells**
Magdalena Liebetrueth
- 15:55-16:15 **Break** (drinks)

Session 3: Autoimmunity and Solid Organ Tx

Chair: K. Fleischhauer

- 16:15 **Ex-vivo lung perfusion - Optimization of a porcine perfusion model for lung transplantation**
Zoe Keldenich
- 16:25 **Effect of mTOR inhibition on regulatory B-cells**
Yang Dai
- 16:35 **Immunological impact of hydroxychloroquine on T-cells and B-cells**
Xin Ma
- 16:45 **Therapeutic efficiency of IL17 blockade in a rat model of ANCA vasculitis**
Erika Boschmann
- 16:55-17:15 **Break (drinks)**

Session 4: Functional Immunology in Tx

Chair: N. Babel

- 17:15 **Molecular characterization of HLA-DPB1 alleles in leukemia relapses after allogeneic stem cell transplantation**
Sophia Layer
- 17:25 **Mutual interplay between HCMV and donor T cell alloreactivity in hematopoietic stem cell transplantation**
Fabienne Maaßen
- 17:35 **Development of a fluorescence based reporter cell line for the detection of BK-poliomavirus**
Adrian Doevelaar
- 17:45 - 20:00 **Final discussion and closing the day with dinner and drinks (optional)**