

BIOME Retreat 2023

Core Transplantation Medicine



Date: Friday, May 12, 2023

Locations: Lunch: Roof terrace of the Robert-Koch-Haus for (4th floor, venue dependent on the weather)

Sessions: Lehr-Lern-Zentrum (LLZ, Seminar room 1, 2nd floor, Virchowstraße 163a, 45147 Essen)

Beginning: 13:00 h

Session 1: The Perfect Talk & Informal Exchange

Chair: A. Gäckler

13:00 **Lunch with informal exchange** (venue dependent on the weather)

14:00 **The perfect talk**
Prof. Dr. Benjamin Wilde

15:00-15:45 **Guided tour – Hundertwasserhaus, Gruga (please wear FFP2 masks)**

15:45-16:00 **Break**

Session 2: Keynote Speaker

Chair: H. Schmidt

16:00 **Welcome and introduction of our keynote speaker** (M. Lindemann)

16:05 **Applications of AI in Medicine: A Journey from Data to Clinical Use**
René Hosch, M.Sc, Institut für Diagnostische und Interventionelle Radiologie und Neuroradiologie, Institut für Künstliche Intelligenz in der Medizin (IKIM), Essen

17:00-17:15 **Break**

Session 3: Student Presentations I & Group Meetings

Chair: K. Fleischhauer

17:15-18:15 **Student Presentations I (8 min talk & 4 min discussion)**

Annika Tücks: Proliferation of leukocytes under hypoxic conditions and injection of LPS

Laura Thümmeler: Isolation and characterization of novel antiviral antibodies against HSV-1 und 2

Marie Dunker: Ex situ evaluation of donor kidneys during isolated machine perfusion

Alexander Klenke: Investigations on cold-induced changes in mitochondrial dynamics in transplantation-relevant cells

Kulvara Kittisares: HLA-DM-sensitive, HLA-DP-alloreactive T-cell receptors for cellular immunotherapy of leukemia

18:20-18:50 **Discussion about M.D. /Ph. D. projects in three groups of BIOME students and co-ordinators** (LLZ, Seminar room 1, small-group rooms (Kleingruppenräume) 1 and 2, all three 2nd floor)

18:50-19:00 **Break**

Session 4: Student Presentations II

Chair: U. Rauen

19:00-20:00 **Student Presentations II (8 min talk & 4 min discussion)**

Leonore Pigott: Galectin-9 and TIM3: therapeutic options

Dong Chen: Characteristics of CD28null T-cells in renal transplantation

Beate Marenbach: Cellular assays to predict patient survival after selective internal radiotherapy

Lennart Hess: BTLA and TIGIT immune checkpoints on T Lymphocytes