

# BIOME Retreat 2022

## Core Transplantation Medicine



Date: Tuesday, June 21, 2022

Locations: Lunch: Roof terrace of the Robert-Koch-Haus for (4<sup>th</sup> floor)  
Sessions: Lehr-Lern-Zentrum (LLZ, room 2, ground floor, Virchowstraße 163a, 45147 Essen)

Beginning: 13:00 h

### Session 1: The Perfect Talk & Student Presentations I

Chair: A. Gäckler

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

14:15 **The perfect talk**  
*Prof. Dr. Benjamin Wilde*

14:45-15:00 **Introduction of BIOME students and co-ordinators**

15:00-15:45 **Student Presentations I – Focus on Methods (10 min talk & 5 min discussion)**

Li Shenming: The impact of machine perfusion on inflammatory factors in renal allograft

Lydia Groth: qPCR

Julian Hölzenbein: Flow cytometry in a functional binding assay

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

## Session 2: Keynote Speaker & Student Presentations II

Chair: M. Lindemann

- 16:00      **Welcome and introduction of our keynote speaker** (M. Lindemann)
- 16:05      **Invisible organs**  
*Prof. Dr. med. Rainer Blasczyk (Institut für Transfusionsmedizin und Transplantat Engineering (ITT), Medizinische Hochschule Hannover)*
- 17:00-17:15      **Break**
- 17:15-18:00      **Student Presentations II - Focus on Clinical Impact (10 min talk & 5 min discussion)**
- Laura Thümmeler: Reduced cellular and humoral immunity against SARS-CoV-2 and its variants in vaccinated kidney transplant recipients
- Christoph Harte: Risk factors for severe course of COVID 19 and clinical data analysis so far
- Lennart Hess: BTLA - a potential target for immune regulation in Autoimmunity and Solid Organ Transplant
- 18:00-18:15      **Break**

## Session 3: Student Presentations III & Group Meetings

Chair: U. Rauen

- 18:15-19:15      **Student Presentations III - Focus on Clinical Impact (10 min talk & 5 min discussion)**
- Leonore Pigott: Theory behind Galectin-9 and therapeutic options
- Kulvara Kittisares: Unraveling HLA-DM Sensitive T-Cell Alloreactivity to HLA-DP for Cellular Immunotherapy of Leukemia
- Louisa Larbig: The potential role of CD80/CD86 molecular variants in transplantations
- Yongjie Liu: Antibacterial effect of inhaled Sphingosine in Ex Vivo Lung Perfusion
- 19:15-19:25      **Break**
- 19:25-20:00:      **Meetings of small groups of BIOME students with co-ordinators**