

PROGRAM | UMG-Research Networking Meeting 2025

IMMUNE PROCESSES IN ORGANS AND DISEASES

DATE: 24.04.2025

VENUE: Conference Hall of Z4/Center for Life Science and Plasma Technology, Walther-Rathenau-Straße 49B, 17489 Greifswald

Time	Welcome and Impulse lecture
11.45	Coffee and poster installation
12:15	Opening remarks: Prof. Dr. Agnes Flöel - Vice Dean for Research
12:20	Welcoming words: Prof. Dr. Karlhans Endlich - Dean and Scientific Director
12:30	Impulse lecture: Prof. Dr. Barbara M. Bröker - Head of Department of Immunology
Session 1 Chair: Dr. Antje Vogelgesang	
12:45	Mechanisms of immune evasion in Neuroblastoma: Challenges for Anti-GD2 Antibody Therapy S. Troschke-Meurer, M. Zumpe, P-M. Ahrenberg, T. Ebeling, N. Siebert, H. N. Lode - Department of Pediatric Oncology and Hematology
13:00	Computational biology of microbiome-host Interactions in immunology J. Hertel - Department of Psychiatry and Psychotherapy
13:15	In vivo modeling of stepwise transformation of Thymocytes into T-Cell Acute Lymphoblastic Leukemia (T-ALL) M. Schinke ¹ , M. Kleppa ^{1,3} , D. Heckl ² , M. Heuser ³ , A. Schambach ¹ , A. Schwarzer ^{1,3} - ¹ Institute of Experimental Hematology, Hannover Medical School, Germany, ² Pediatric Hematology and Oncology, Martin-Luther-University Halle, Germany, ³ Comprehensive Cancer Center-MV, Greifswald
13:30	Poster Session and Networking Break
Young UMG Chair: Prof. Dr. Barbara Bröker	
14:30	Host-oriented, Luminex®-based serological arrays for high-resolution immunological profiling in infection and autoimmunity D. Raafat ^{1,2,3} , S. Holtfreter ¹ , B. M. Bröker ¹ , U. Völker ⁴ , G. I. Wassilew ² , A. Meyer-Bahlburg ⁵ , A. Steinmetz ⁶ - ¹ Institute of Immunology, ² Center for Orthopaedics, Trauma Surgery and Rehabilitation Medicine, ³ Department of Microbiology and Immunology, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt, ⁴ Interfaculty Institute for Genetics and Functional Genomics, ⁵ Pediatric Rheumatology, Department of Pediatric and Adolescent Medicine, ⁶ Physical and Rehabilitation Medicine, Department of Trauma, Reconstructive Surgery and Rehabilitation Medicine
14:45	Intestinal barrier dysfunction in colorectal liver metastasis K. Peuker, S. Zeißig - Clinic of Internal Medicine A
15:00	Deletion of the ubiquitin E3 Ligase LRSAM1 fosters intracellular S. aureus survival O. Plöhn ¹ , C. Greger ¹ , A. Singh ¹ , M. Baglanova ¹ , H. Wolfgramm ² , K. Surmann ² , B. M. Bröker ³ , K. Becker ¹ , U. Seifert ¹ , C. Cammann ¹ - ¹ Friedrich Loeffler - Institute of Medical Microbiology - Virology, ² Department of Functional Genomics, Interfaculty Institute for Genetics and Functional Genomics, ³ Institute of Immunology
15:15	Finding the perfect match: Improving murine colonization and infection models by using mouse-adapted Staphylococcus aureus strains L. M. Fernandes Hartzig ¹ , S. Peringathara ¹ , G. Yebra ² , S. L. Seegert ¹ , M. N. Darisipudi ¹ , F. Schmiedeke ¹ , D. M. Mrochen ¹ , B. M. Bröker ¹ , R. Fitzgerald ² , S. Holtfreter ¹ - ¹ Institute of Immunology, ² The Roslin Institute, University of Edinburgh, Edinburgh, United Kingdom
15:30	Poster Session and Networking Break
Session 2 Chair: Prof. Dr. Agnes Flöel	
16:30	Pancreatitis-associated organ remodelling is driven by a local and systemic type 2 immune response Glaubitz J., Weiss F.U., Sandler M. - Clinic of Internal Medicine A
16:45	Harnessing Cellular Oxygen Sensing: A Novel Approach to Treating Immunological and Inflammatory Diseases C. Scholz - Institute of Physiology
17:00	Anti-Platelet Factor 4 Immunothrombosis – A scope beyond HIT and VITT L. Schönborn, S. Handtke, J. Wesche, A. Greinacher, T. Thiele – Institute of Transfusion Medicine
17:15	T cells are activated antigen-specifically in the brain of mice with Alzheimer's disease J. Schulze, J. Gellrich, L. Kösllich, J. Ruhnau, A. Flöel, A. Vogelgesang - Department of Neurology
17:30	Farewell