

ZIEL retreat 31.3.23 - Program

Room CBBM, B1/B2 ground floor

Welcome: Gabriela Riemekasten and Jörg Köhl	9.00-9.10 Uhr
I) Ongoing projects I (Chair: Gabi Riemekasten)	
Jan Rupp: DZIF	9.10-9.20 Uhr
Peter König: DZL	9.20-9.30 Uhr
Folke Brinkmann: All Age Asthma Cohort (ALLIANCE)	9.30-9.40 Uhr
Enno Schmidt: Academia-industry partnership: a long-term successful example	9.40-9.50 Uhr
Uta Jappe. INDICATE-FH	9.50-10.00 Uhr
Discussion	10.00-10.10 Uhr
II) Ongoing projects II (Chair: Jens Marquardt)	
Ralf Ludwig: GRK 2633 "Defining and Targeting Autoimmune Pre-Disease"	10.10-10.20 Uhr
Jan Rupp: Forschergruppe FORMiTarget und EXC Evolutionary Rescue	10.20-10.30 Uhr
Stefanie Derer: BMBF-Projekt OUTLIVE-CRC	10.30-10.40 Uhr
Ralf Ludwig: SNF-Projekt „Unravel molecular mechanisms of pemphigus“	10.40-10.50 Uhr
Gabriela Riemekasten: BMBF-Projekt IMMME and Mesinflammation	10.50-11.00 Uhr
Discussion	11.00-11.10 Uhr
Coffee break	11:10-11:30 Uhr
III) Planned or applied projects (Chair: Uta Jappe)	
Jörg Köhl: IRTG 2920: Early Life Environmental Stressors As Regulators of Immune Cell Function	11.30-11.40 Uhr
G. Riemekasten PMI 2.0	11.40-11.50 Uhr
Rudi Manz: RTG-Initiative „Protective and pathogenic antibody responses at barrier organs“	11:50-12:00 Uhr
Gabriela Riemekasten: FOR: Autoantibodies against G protein-coupled receptors for specific inflammatory Vascular Arterial Diseases	12:00-12.10 Uhr
Discussion	12.10 -12.20 Uhr

IV) The power of single cell analysis (Chair: Jan Rupp)

Frank Petersen: „Deciphering molecular pathways in animal models of vasculopathy by scRNA sequencing“.	12.30-12.40
Malte Spielmann: scRNA sequencing	12.40-12.50
Axel Künstner: Computational Biology Platform and Systems Biology Service	12.50-13.00 Uhr
Anke Fähnrich: Single Cell Core Facility	13.00-13.10 Uhr
Discussion	13:10-13.20 Uhr

V) Lunch with Poster session on methodical aspects **13.20 -13.50 Uhr**

Ralf Ludwig TriNetX	
Katja/Nancy (AG Ralf Ludwig): PamGene	
Jens Marquardt Poster	
Stefanie Derer: Großgeräteantrag BMBF für Anschaffung neuer Technologien	
Jan Rupp: Culturomics/funktionelle Mikrobiom Plattform	
Rudi Manz: Methodenposter	
Gabriela Riemekasten: Methodenposter	
Frank Petersen: Poster	
Kristina Kusche-Vihrog: AFM und Ähnliches	
Anke Fähnrich: Single cell core facility	
Hundt: Poster Ich melde hiermit die Poster an:	
Veronika Hartmann: Hautorgankulturmodell	
- Caren Jacobi: Wundheilungsmodell	
- Sarah Stenger: Lupus-Mausmodell	
Enno Schmidt: Mouse models of autoimmune blistering diseases	
Zouhair Aherrahrou: “Minipig as a preclinical animal model to study cardiovascular-related diseases.”	
König: Small Animal Imaging Lübeck (SAIL)	

VI) New project ideas/Pitches (Chair: Jörg Köhl)

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| 1. Ralf Ludwig: Molecular characterization of inflammation | 13.50-14.00 Uhr |
| 2. Jens Marquardt: Immunmetabolismus | 14.00-14.10 Uhr |
| 3. Jan Rupp: Metabolic-inflammatory interplay | 14.10-14.20 Uhr |
| 4. G. Riemekasten: Immunopredict: Phänotyping to predict disease course and response to therapy | 14.20-14.30 Uhr |

Discussion 14.30-14.50 Uhr

Breakout sessions on the new project ideas 14:50-15.30 Uhr

Coffee break 15:30-15.45 Uhr

Wrap-up of the meeting: Gabriela Riemekasten and Jörg Köhl 15.45-16.00 Uhr

End of the retreat