

RTG Lecture Series 2023

SCHEDULE

- 24.01 **Jun. Prof. Dr. Stefanie Pfänder, Molecular & Medical Virology, Ruhr University Bochum**
Molecular and Clinical Intervention Strategies against Emerging Coronaviruses
Alan Herdman
Comparative Analyses of Humoral Immune Responses Raised by Suppressed and Impaired Mouse Cytomegalovirus Mutants'
Location: Essen
Chair: Mirko Trilling
- 07.02. **Prof. Dr. Ingo Schmitz, Molecular Immunology, Ruhr University Bochum**
Role of the atypical NF-kB regulator IkbNS/Nfkbid in infection immunology
Franziska Baier
Interleukin-33-mediated dysbiosis and the consequences for enteric bacterial infection
Location: Essen
Chair: Astrid Westendorf
- 07.03. **Prof. Dr. Matthias Tenbusch, University Hospital Erlangen**
Mucosal Immunity to Respiratory Viruses
Philine Steinbach
Pulmonary viral infection remodels the antitumor CD8 T cell response and limits the development of solid tumours
Location: Essen
Chair: Torben Knuschke
- 21.03. **Kai Robin Pfeifer**
Cytomegalovirus infection interferes with intestinal homeostasis and affects the course of colitis
Ylenia Longo
Characterization of antigen presentation pathways for MVA mediated T cell immunity
Abdelrahman Elwy
Virus entry and enforced virus replication in CD169+ Macrophage
Location: Essen
Chair: Astrid Westendorf
- 18.04. **Methods Lecture: Co-Creation Lab Product Innovation**
3D printing and the possibilities in immunological research
Location: Essen
Chair: tba
- 09.05. **Prof. Dr. Georg Häcker, Institute for Microbiology and Hygiene, University Hospital Freiburg**
The mitochondrial apoptosis apparatus in host defence and immunity
Veronica Raba
Functional characterization of Guanylate Binding Proteins in the innate and adaptive host defense against Chlamydia and Toxoplasma infection
Location: Düsseldorf
Chair: Klaus Pfeffer

- 23.05. **Associate Prof. Mario L. Santiago, University of Colorado, Denver, USA**
Adaptive Immune Modulation by Retrovirus Restriction Factors
Mara Schwertdfeger
Modulation of Friend Virus-specific CD4+ T cell responses by different IFN α subtypes
Location: Essen
Chair: Kathrin Sutter
- 06.06. **Associate Prof. Joke den Haan, Amsterdam UMC, Netherlands**
The design of cancer vaccines: Target or not to target?
Julia Falkenstein
Importance of splenic macrophages on parasite clearance and their impact on T cell responses during malaria
Location: Essen
Chair: Wiebke Hansen
- 05.09. **Prof. Dr. Beate Sodeik, Cell Biology of Viral Infections, Hannover Medical School**
Navigating a course through the host cell – The world according to a herpesvirus capsid
Location: Essen
Chair: Ulf Dittmer
- 19.09. **Jia Li**
Involvement of amphisomes in release of HBV subviral particles and virions through the endosomal and autophagic pathways
Zhongwen Hu
Acid ceramidase regulates Cd8+ T cell exhaustion via type I interferon mediated upregulation of PD-L1
Julia Werner
Interaction between NK cells and CD8+ T cell immunity
Location: Essen
Chair: Stefanie Flohé
- 10.10. **Prof. Dr. Jörg Distler, University Hospital Düsseldorf, Clinic for Rheumatology and Hiller Research Center**
Stromal Response to chronic inflammation in fibrotic diseases
Location: Düsseldorf
Chair: Jörg Timm
- 21.11. **Prof. Dr. Andreas Bergthaler, Center for Pathophysiology, Infectiology and Immunology Medical University of Vienna**
tba
Rana Haseeb Asif
Role of metabolism in the dysfunction of dendritic cells during sepsis
Location: Essen
Chair: Karl Lang