Monday, 17th June 2019

Welcome address: Astrid Westendorf, speaker of the RTG 1949
Anne-Charlotte Antoni & Jens Lichte, student representatives

Progress reports PhD students

Chair: Ramona Grothmann, Lamin B. Cham

11:00 Short introduction of Yulia Flores, Ralf Grutza, Heba Islam, and Florian Scheffel.

11:05 Ralf Grutza: *NKG2Cpos NK cells associated with CMV infection inhibit expansion of activated virus-specific CD8 T cells*

11:25 Anfei Huang: *Progranulin prevents regulatory NK cell cytotoxicity against anti-viral T cells*

11:45 Nhi Ngo Thi Phuong: *Contribution of the IL-33/ST2 signaling pathway against intestinal inflammation and cancer*

12:05 Internal meeting (students only)

12:30 – 14:00 LUNCH BREAK

Chair: Jens Lichte, Ralf Grutza

14:00 Cornelia Barnowski: *The role of innate immune triggers for the induction of poxviral CD8 T cell responses*

14:20 Lamin Cham: *Anti-CD47 antibody is a promising immunotherapeutic target for viral infections*

14:40 Vittoria Palmieri: *Interleukin-33 impairs host immune responses to Citrobacter rodentium infection*

15:00 – 15:30 COFFEE BREAK

15:30 – 18:30 TEAM CHALLENGE CROSSGOLF *(for students only)*

16:30 Internal PI Meeting

19:00 DINNER

Tuesday, 18th June 2019

Progress reports PhD students

Chair: Hanna Abberger, Anfei Huang

9:15 Jens Lichte: *Functional and structural characterization of mGBP9: A mediator of cell autonomous immunity*

9:35 Mareike Eilbrecht: *Identification and characterization of novel cytomegalovirus-encoded antagonists targeting interferon-γ responses*

9:55 Rouven-Luca Kaiserling: *IFNα subtypes modulate retrovirus-specific CD4+ T cell responses*

10:15 – 10:30 COFFEE BREAK

Chair: Nhi Ngo Thi Phuong, Vittoria Palmieri

10:30 Ramona Grothmann: *NK cell regulation in chronic viral infections: immune evasion mechanisms of HCMV and HBV*

10:50 Anne-Charlotte Antoni: *Characterization of bystander activated CD8+ T cells in the bone marrow during polymicrobial sepsis*

11:10 Qian Li: *Toll-like receptor-7 activation enhances CD8+T cell effector functions by promoting cellular glycolysis*

GUEST LECTURES

Chair: Jernej Pušnik

11:30 **Andrea Zelmer, London School of Hygiene & Tropical Medicine**
Models for accelerating the development of new tuberculosis vaccines - lessons from basic and clinical research

12:30 – 14:00 LUNCH BREAK

Chair: Christopher Menne

14:00 **Lutz Walter, Primate Genetic Laboratory, German Primate Center**
NK cell receptors, MHC class I ligands and viruses: an intimate triad in evolution

Chair: Mareike Eilbrecht

15:00 **Mathias Müller, Institute of Animal Breeding and Genetics, University of Vet. Medicine Vienna**
TYK2 signals around cancers

16:00 – 16:20 COFFEE BREAK

Chair: Anne-Charlotte Antoni

16:20 Thomas Jacobs, Mol. Biology & Immunology, Bernhard Nocht Institute for Tropical Medicine
Tr1cells in Malaria: Beneficial or detrimental?

17:30 – 19:00 MEET-THE-EXPERT (students and guest speakers)

19:00 BARBEQUE

Wednesday, 19th June 2019

Progress reports PhD students

Chair: Rouven-Luca Kaiserling, Qian Li

9:30 Christina Wenzek: *CD47 is a negative regulator of protective immune responses during influenza virus infection*

9:50 Christopher Menne: *Analysis of invariant Natural Killer T Cells in Hepatitis C Virus infection*

10:10 Yulia Flores: *Identification and characterization of DDB1/CRLs-interacting proteins encoded by MLN4924-sensitive viruses*

10:20 Florian Scheffel: *Activation of human virus-specific CD8+ T cell response using a nanoparticle-based vaccine*

10:30 – 10:45 COFFEE BREAK

Chair: Christina Wenzek, Cornelia Barnowski

10:45 Hanna Abberger: *Characterisation of Neuropilin-1-expressing T cells and their role during experimental cerebral malaria*

11:05 Jernej Pušnik: *Expansion of stem-cell-like CD4+ memory T cells during acute HIV-1 infection is linked to rapid disease progression.*

11:25 Closing speech: Astrid Westendorf

LUNCH and DEPARTURE