

# SFB-Retreat 2016

July 20th and 21st 2016

Venue: EMBL, Meyerhofstraße 1, 69117 Heidelberg



## Program Wednesday, July 20th 2016

- 09:00 – 10:00 **Keynote talk** (PhD and Postdocs only in small operon)
- 10:00 – 12:00 **Kick-off-Meeting** (PhD and Postdocs only)
- 12:00 – 13:00 Lunch in the Operon Foyer
- 13:00 – 13:30 **Welcome & Introduction** (small operon)  
*Prof. Dr. Hans-Georg Kräusslich*
- 13:30 – 15:15 **Session 1: Influenza and others (Coordinator S. Boulant)**
- P9: The assembly and spread of influenza virus  
*Dr. John Briggs*
- P10: Membrane lipids and proteins in influenza replication and spread  
*Prof. Dr. Britta Brügger, Prof. Dr. Hans-Georg Kräusslich*
- P14: Visualizing reovirus infection in polarized epithelium:  
From touchdown to antiviral innate immune response  
*Dr. Steeve Boulant*
- P15: Nanoscale characterization of integrin-virus interactions  
*PD Dr. Elisabetta Ada Cavalcanti-Adam, Prof. Dr. Joachim Spatz*
- Transregio 179: Elimination versus persistence in Hepatitis infection  
*Prof. Dr. Ralf Bartenschlager*
- 15:15 – 15:30 Coffee Break and snacks
- 15:30 – 17:15 **Session 2: HIV (Coordinator: O. Fackler)**
- P5: HIV-capture and spread at nanoscopic resolution  
*Prof. Dr. Hans-Georg Kräusslich*
- P6: Dynamics of events in HIV-1 replication  
*Prof. Dr. Barbara Müller*
- P7: Pathogen passage through the Nuclear Pore Complex  
*Dr. Edward Lemke*
- P8: HIV-1 spread in complex cell systems  
*Prof. Dr. Oliver Fackler*
- Z3: Chemical biology tools for infectious disease research  
*PD Dr. Carsten Schultz*
- 17:15 – 17:30 Coffee Break
- 17:30 – 19:00 **Session 3: PhD Students' Poster Session (Coordinator: A. Imle)**
- 19:00 – 20:00 Dinner in the EMBL Canteen
- 20:00 – 23:00 Party with Drinks & Music at the roof top lounge

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## Program Thursday, July 21st 2016

- 08:00 – 08:30 Morning Coffee and snacks (small operon foyer)
- 08:30 – 10:15 **Session 4: Malaria (Coordinator: F. Frischknecht)**
- P1: Deciphering the receptor-ligand interplay during rapid motility of Plasmodium sporozoites  
*Prof. Dr. Friedrich Frischknecht, Prof. Dr. Joachim Spatz*
- P2: Role of intra- and extracellular host miRNAs as regulators of Plasmodium liver stages  
*Dr. Ann-Kristin Mueller, Dr. Dirk Grimm*
- P3: Protection of malaria by haemoglobin S and C: A quantitative understanding of the cytoadhesion behavior  
*Prof. Dr. Michael Lanzer, Prof. Dr. Motomu Tanaka*
- P4: Modelling the adhesion of malaria-infected red blood cells  
*Prof. Dr. Ulrich Schwarz, Prof. Dr. Michael Lanzer*
- Z4: Tracking software that works  
*Prof. Dr. Fred Hamprecht*
- 10:15 – 10:30 Coffee Break and snacks
- 10:30 – 12.15 **Session 5: Hepatitis (Coordinator: A. Ruggieri)**
- P11: Spatial and temporal coordination of RNA translation, replication and assembly in a membranous plus-strand RNA virus replication factory  
*Prof. Dr. Ralf Bartenschlager, PD Dr. Karl Rohr*
- P13: Impact of virus-induced oscillating stress response on host cell homeostasis and immune response induction  
*Dr. Alessia Ruggieri*
- P16: Visualization of Hepatitis B Virus entry and spread  
*Prof. Dr. Stephan Urban*
- Z2: Correlative light- and electron microscopy of host cell/pathogen interactions  
*PD Dr. Jacomine Krijnse-Locker, progress report on projects in SFB and the Institute Pasteur*  
*Dr. John Briggs, progress report in SFB projects*
- 12:15 – 13:15 Lunch in the EMBL Canteen
- 13:15 **Departure or Career Day** for registered SFB PhDs and Postdocs