SFB-Retreat 2015
July 22nd and 23rd 2015

Venue: Schlosshotel Molkenkur, Klingenteichstr. 31, 69117 Heidelberg

Program Wednesday, July 22nd 2015:

12:00 – 13:00 Lunch

13:00 – 13:30 Welcome, introduction, project overview and administrative issues
   Prof. Dr. Hans-Georg Kräusslich

13:30 – 15:15 Session 1: 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

15:15 – 15:30 Coffee Break

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
   PD 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 Get-together and dinner
Program Thursday, July 23rd 2015:

08:30 – 10:00  **Session 4: Influenza and others (Coordinators: J. Briggs or 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: Visualising reovirus infection in polarised epithelium: From touchdown to antiviral innate immune response  
*Dr. Steeve Boulant*

P15: Nanoscale characterisation of integrin-virus interactions  
*Dr. Elisabetta Cavalcanti-Adam, Prof. Dr. Joachim Spatz*

10:00 – 10:15  **Coffee Break**

10:15 – 11:30  **Session 5: Miscellaneous (Coordinator: D. Heidmann)**

*Homepage / Public Relations*  
*PD Dr. Barbara Müller*

Equal opportunity measures  
*Prof. Dr. Britta Brügger, Dr. Doris Heidmann*

Other SFB activities and future plans  
*Prof. Dr. Hans-Georg Kräusslich*

11:30 – 11:45  **Coffee Break**

11:45 – 13:15  **Session 6: 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: Visualisation of Hepatitis B Virus entry and spread  
*Prof. Dr. Stephan Urban*

Z2: Correlative light- and electron microscopy of host cell/pathogen interactions  
*Dr. John Briggs*

13:15  **Lunch and End**