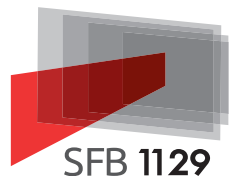


SFB-Retreat 2023

July 24th and 25th 2023

Venue:

Hotel Molkenkur, Klingenteichstr. 31, Heidelberg



Program Monday, July 24th 2023

09.30 – 09.45 **Welcome & Introduction**
Hans-Georg Kräusslich

09.45 – 10.45 **Z4:** Advanced Tracking and Image Analysis (Fred Hamprecht, Karl Rohr)
P8: HIV-1 spread in complex cell systems (Oliver Fackler)
P19: Structural analysis of influenza protein-membrane interactions during entry (Petr Chlanda)

SESSION 1
(20 min each)

10.45 – 11.00 **Coffee Break (15 min)**

11.00 – 12.20 **P6:** Dynamics of events in HIV-1 replication (Barbara Müller)
P11: Spatial and temporal coordination of RNA translation, replication and assembly in a membranous plus-strand RNA virus replication factory (Ralf Bartenschlager)
P4: Modeling the adhesion of malaria-infected red blood cells (Ulrich Schwarz)
P5: HIV-1 capture and spread at nanoscopic resolution (Hans-Georg Kräusslich)

SESSION 2
(20 min each)

12.20 – 13.50 **Lunch Buffet (90 min for lunch and time to fix the poster on the wall)**

13.50 – 15.20 **SESSION 3: POSTER-Session (90 min)**

SESSION 3
(90 min)

15.20 – 15.30 **Coffee Break (10 min)**

15.30 – 16.30 **P13:** Impact of virus-induced oscillating stress response on host cell homeostasis (Alessia Ruggieri)
P21: The role of matrix maturation in HIV-1 infection and spread (John Briggs)
P3: Protection of malaria by haemoglobin S and C: A quantitative understanding of the cytoadhesion behavior (Michael Lanzer)

SESSION 4
(20 min each)

16.30 **End of day 1**

Program Tuesday, July 25th 2023

09.30 – 10.50	<p>P18: Deciphering the regulation of Plasmodium falciparum replication (Markus Ganter)</p> <p>P22: The role of mechanosensing and antibodies for interactions of Plasmodium sporozoites with neutrophils in 3D environments (Christine Selhuber-Unkel, Freddy Frischknecht)</p> <p>Z2: Correlative light- and electron microscopy (Charlotta Funaya, Yannick Schwab)</p> <p>P23: How insecticides impact malaria parasite infectivity (Victoria Ingham)</p>	SESSION 5 (20 min each)
10.50 – 11.30	Coffee Break (40 min)	
11.30 – 12.50	<p>P20: Nuclear pore complex and genome organization as determinants of HIV-1 integration and transcription (Martin Beck)</p> <p>P17: Hepatitis E virus trafficking in polarized human pluripotent stem cell-derived hepatocyte-like systems (Viet Loan Dao Thi)</p> <p>P1: Deciphering receptor-ligand interplay during rapid motility of Plasmodium sporozoites (Freddy Frischknecht)</p> <p>P15: Nanoscale characterisation of integrin-virus interactions (Dirk Grimm)</p>	SESSION 6 (20 min each)
13.00	End of Retreat (with lunch to go)	