

Grad School Day of the Interfaculty Graduate School of Infection Biology and Microbiology (IGIM)

We cordially invite you to our Grad School Day of the Summer-Semester 2021
Friday, October 01, 2021, 1 - 4:30 pm
Lecture Hall, Elfriede-Aulhorn-Str. 6

13:00 – 13:15 General information about the IGIM

Chair: Jacqueline Wistuba-Hamprecht

13:15 – 13:35 **Janna Hauser, IMIT, AG Peschel**

Blocking of a specifically exposed region of the lipid flippase MprF by monoclonal antibodies impair *S. aureus* virulence and resistance

13:35 – 13:55 **Judith Flügge, Institute of Tropical Medicine, AG Esen**

Impact of helminth infections during pregnancy on humoral vaccine immunogenicity in infants

13:55 – 14:15 **Cruz Matos de Opitz, IMIT, AG Sass**

Microscopy-based identification of Aurantimycin A and effects on bacterial morphogenesis

Chair: Thomas Martin Schäfer

14:15 – 14:35 **Stefan Pan, IMIT, AG Sass**

Functional reconstitution of the chlamydial Clp protease

14:35 – 14:50 **Coffee Break**

14:50 – 15:10 **Patricia Arlt, Pharmaceutical Biology, AG Groß**

Studies on the biosynthesis of plusbacins

15:10 – 15:30 **Niels Neumann, IMIT, AG Forchhammer**

Discovery of a bacterial Glucose-1,6-BP-synthase in *Synechocystis* sp. PCC6803

Chair: Bitu Pourmohsenin

15:30 – 16:20 **Keynote Speaker**

Dr. Effie Bastounis, IMIT

Physical forces govern the interactions of host cells with intracellular bacterial pathogens

