

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 2020

Friday, September 25, 2020, 1 – 4.20 pm

Lecture Hall N10, Auf der Morgenstelle 3 (Alte Botanik)

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

Chair: Przemek Olejnik

13:15 – 13:35 Angelika Jochim, IMIT, AG Heilbronner

AnECF-type transporter scavenges heme to overcome iron-limitation *Staphylococcus lugdunensis*

13:35 – 13:55 Marius Bader, IMIT, AG Kaysser

Biosynthesis investigations of shikimate derived natural products from actinobacteria

13:55 – 14:15 Ann-Katrin Kieninger, IMIT, AG Maldener

How filamentous cyanobacteria talk

Chair: Nadine Silber

14:15 – 14:35 Laura Reinhardt, IMIT, AG Brötz-Oesterhelt

Studies on the Clp machinery in Streptomyces: New insights into ClpP1P2 complex formation of *S. hawaiiensis* in vitro

14:35 – 14:55 Coffee Break

14:55 – 15:15 Felix Weichel, IMIT, AG Wagner

Translational coupling of *spaQ* and *spaR* optimizes assembly of the core export apparatus of the *Salmonella* Typhimurium type III secretion system-1

15:15 – 15:35 Moritz Koch, IMIT, AG Forchhammer

From the “Super-GAU” to saving the world (in ~3 years)

Chair: Moritz Koch

15:35 – 16:20 Keynote Speaker

Stephan Klähn, Leipzig

Same same but different –

How cyanobacteria use unique elements to control key metabolic routes

