



VII. Symposium of the

Interdisciplinary Graduate School of Natural Product Research



July 12th 2018

Final program

- 1.00 pm **Disclosure of the symposium, talks of new graduate school members** Chair: Chantal Bader
- Kaya Cansu (HIPS - Drug Design and Optimization)
"Design, Synthesis and Biochemical Evaluation of Inhibitors of LasB and ColH"
- Nicolas Frank (HIPS - Microbial Natural Products)
"Identification, isolation and structure elucidation of novel myxobacterial secondary metabolites"
- Michael Kohr (Uni SB - Organic Chemistry)
"Total Synthesis of HC Toxin and derivatives"
- Joscha Meiers (HIPS - Chemical Biology of Carbohydrates)
"Sweet targeting with hybrid antimicrobials"
- Federica Mancini (HIPS - Drug Design and Optimization)
"Discovery of inhibitors of the sliding clamp DnaN using Kinetic target-guided synthesis"
- Thorsten Kinsinger (Uni SB - Organic Chemistry)
"Synthesis of Unusual Amino Acids and Peptides via C-H activation"
- Jan Schlemmer (HIPS - Microbial Natural Products)
"Genetic Engineering of Myxobacterial Biosynthetic Pathways for Secondary Metabolites"
- Alexander Horn (Uni SB - Organic Chemistry)
"Allylic Alkylation of Hydroxyacid Peptides - Towards the Synthesis of Depsipeptide Natural Products"
- 2.30 pm **Coffee break, Poster session I**
- 3.00 pm **Talks of advanced graduate school members** Chair: Jeanette Behr
- Laura Franz (HIPS - Structural Biology of Biosynthetic Enzymes)
"Towards tailored Bottromycins"
- Valentin Jacob (HIPS - Drug Design and Optimization)
"Establishment of Phage Display Technology at HIPS"
- Christian Schütz (HIPS - Drug Design and Optimization)
"PqsR-targeting Quorum Sensing Inhibitors as Pathoblockers for the Adjunctive Treatment of Chronic *Pseudomonas aeruginosa* Infections"
- Lukas Junk (Uni SB - Organic Chemistry)
"Total Synthesis and Stereochemical Correction of Keramamides A and L via late stage indole synthesis"
- 4.30 pm **Coffee break, Poster session II**
- 5.00 pm **Keynote lecture:** Chair: Sebastian Adam
- Dr. Reiner Class (UCB Biopharma SPRL)
"In vitro 3D Cell-Based Screening Technologies: Taking Preclinical Safety Testing a Step Closer to the Patient"
- 6.00 pm **Closing remarks & Saarland barbecue "Schwenker"**