



V. Symposium of the Interdisciplinary Graduate School of Natural Products Research August 10th 2016

Final program

- 1.00 pm **Disclosure of the symposium, talks of new graduate school members**
Chair: Lukas Junk
- Sarah Kappler (Uni SB - Organic Chemistry)
"Synthesis and biological evaluation of Miuraenamide-derivatives"
- Joachim Hug (HIPS - Microbial Natural Products)
"Biosynthetic gene cluster activation for the discovery of novel myxobacterial natural products"
- Jeannette Behr (Uni SB - Organic Chemistry)
"Synthesis of Macyranone A and Pd-catalyzed Allylic Alkylation of β -Hydroxyketones"
- Alexander Popoff (HIPS - Microbial Natural Products)
"Search for new secondary metabolites in myxobacteria"
- Phil Servatius (Uni SB - Organic Chemistry)
"Synthesis of HDAC-inhibitors and derivatives thereof"
- Sebastian Adam (HIPS - Structural biology of biosynthetic enzymes)
"Structural and Biochemical Investigation of Bottromycin and Crocagin Biosynthetic Enzymes"
- 2.30 pm **Coffee break, Poster session I**
- 3.00 pm **Talks of advanced graduate school members and guests**
Chair: Phil Servatius
- Michael Hoffmann (HIPS - Microbial Natural Products)
"Alternative Strategy in the search for novel natural products from Myxobacteria"
- Walid Ali Mahmoud Mohammad (HIPS - Drug Design and Optimization)
"Discovery and Structure-Based Optimization of 2-Ureidothiophene-3-Carboxylic Acids as Dual Bacterial RNAP and HIV-1 RT Inhibitors"
- Fabienne Hennessen (HIPS - Microbial Natural Products)
"Mechanism-of-action of the cyclic depsipeptide antibiotic telomycin"
- Martin Klapper (Leibniz Institute for Natural Product Research and Infection Biology HKI, Jena)
"Bacterial Alkaloids Prevent Amoebal Predation"
- 4.30 pm **Coffee break, Poster session II**
- 5.00 pm **Keynote lecture: Dr. Lutz Petzke (BASF SE)**
"Natural Products in White Biotechnology at BASF"
- 6.00 pm **Closing remarks & Saarland barbecue**

