



### III. Symposium of the Interdisciplinary Graduate School of Natural Products Research

July 9<sup>th</sup>, 2014

#### Final program

- 12.30 pm      **Disclosure of the symposium, talks of new graduate school members:**
- Christian Burgard (AK Prof. Müller): “Synthetic biotechnology to produce myxobacterial secondary metabolites”
- Oliver Dorn (AK Prof. Kazmaier): “Synthesis of new *N*-allylated and -alkylated Pretubulysins”
- Alexander von Tesmar (AK Prof. Müller): “Mass spectrometry supported in vitro assays of NRPS systems”
- Fu Yan (AK Prof. Müller): “Biosynthetic mechanism and heterologous expression of Vioprolides”
- Lorenz Siebenbürger (PharmBioTec): “Applications of combinatorial chemistry in Ligand-based Drug Design”
- 2.00 pm      **Coffee break, poster session I**
- 2.30 pm      **Talks of advanced graduate students and guests:**
- Philipp Barbie (AK Prof. Kazmaier): “Total Synthesis of Cyclomarin C and derivatives”
- Lena Etzbach (AK Prof. Müller): “Cystomanamides: Structure and Biosynthetic Pathway of a Family of Novel Glycosylated Lipopeptides from Myxobacteria”
- Lisa Karmann (AK Prof. Kazmaier): “Total Synthesis and Biological Evaluation of Miuraenamides”
- Lina Schneider (AK Prof. Vollmar): “V-ATPase inhibition affects iron metabolism: a novel therapeutic option for breast cancer”
- 4.00 pm      **Coffee break, poster session II**
- 4.30 pm      **Keynote lecture:** Dr. Tom Kinzel (Bayer AG): “Drug Discovery at Bayer: From Research Excellence to Therapeutic Progress”
- 5.30 pm      **Closing remarks & Saarland barbecue**

