

## Drug Discovery for Molecular Science MSc

### PRESENTATION OF THE PROJECTS 2011

on Friday, 29th of July 2011  
at the Lecture Hall of Pharmacy in Schuhstrasse

time	group	student	project
13.30 - 13.45	Berens	Eder Kathrin	<i>Characterization and identification of mutants which affect the regulation of tetO expression</i>
13.45 - 14.00	Berens	Neufeld Elena	<i>Preparation of HeLa nuclei and Western Blot analysis of tetracycline repressor</i>
14.00 - 14.15	Berens	Krapp Susanne	<i>Cloning and analysis of a cell-death inducing protein in HeLa cells</i>
14.15 - 14.30	Schatz	Dommer Sabine	<i>A "green" synthesis of Valsartan with a focus on water as a reaction medium</i>
14.30 - 14.45	Tsogoeva	Herrmann Astrid	<i>Synthesis of Natural Product Hybrids</i>
<i>coffee break</i>			
15.15 - 15.30	Heinrich	Fehler Stefanie	<i>Synthesis of new ligands for the G-protein coupled US 28 receptor</i>
15.30 - 15.45	Heinrich	Heckel Christina	<i>Synthesis of oximes via radicalcarbonitrosation with NO gas</i>
15.45 - 16.00	Heinrich	Bartuschat Amelie	???
16.00 - 16.15	Eichler	Fingerhut Anja	<i>Oxime ligation for the synthesis of branched, mono- or bicyclic peptides</i>
16.15 - 16.30	Stadler	Müdsam Christina	<i>Analysis of chimeric transport proteins in Arabidopsis thaliana</i>

chairmen of the first session are Dr. Berens and Prof. Heinrich

on Monday, 1st of August 2011

time	group	student	project
10.00 - 10.15	Koch	Baasch Mareike	<i>Characterization of a selected apathogenic C. higginsianum mutant</i>
10.15 - 10.30	Koch	Pracht Katarina	<i>Nitrogen regulators in the phytopathogenic fungus Colletotrichum higginsianum</i>
10.30 - 10.45	Gröger	Denzer Isabel	<i>Biocatalytic synthesis of thiamphenicol derivatives using threonine aldolases</i>
10.45 - 11.00	Gröger	Walter Vroni	<i>Asymmetric biocatalytic synthesis of beta-lactams as new potential class of antibiotics</i>

<i>coffee break</i>			
11.30 - 11.45	Gröger	Denzer Melanie	<i>Synthesis of 1,3 diols via organocatalysis and biocatalysis</i>
11.45 - 12.00	Burkovski	Stuber Julia	<i>Molekularbiologische Analysen zur Regulation eines Globingens aus Mycobacterium smegmatis</i>
12.00 - 12.15	Burkovski	Will Cornelia	<i>Application of different GFP variants as biosensors of the nitrogen status in Corynebacterium glutamicum</i>
12.15 - 12.30	Burkovski	Bertolessi Lourenco Maira	<i>Binding of putative regulatory proteins to selected virulence gene promoter regions</i>

chairmen of the morning session are Prof. Gröger and Prof. Burkovski

<i>lunch break</i>			
14.00 - 14.15	Gmeiner	Fliehr Judith	<i>Synthesis of a D3-Agonist (Part 1)</i>
14.15 - 14.30	Gmeiner	Lach Johannes	<i>Synthesis of a D3-Agonist (Part 2)</i>
14.30 - 14.45	Gmeiner	Trautner Philipp	<i>Synthesis and Biological Evaluation of Metabolically Stabilized 68Ga labelled NT(8-13) Derivatives</i>
14.45 - 15.00	Gmeiner	Zolnhofer Eva	<i>Synthesis and analysis of Artesunate-linker-constructs</i>
15.00 - 15.15	Büttner	Klos Katharina	<i>Influence of storage at +4°C on the quantities of selected aroma compounds in human milk</i>
<i>coffee break</i>			
15.45 - 16.00	Pischetsrieder	Kenkel Isabell	<i>Enzym-inhibiting activity of Glucose Degradation Products in medicinal products</i>
16.00 - 16.15	Burzlaff	Bertlein Sarah	<i>Transition-Metal-Complexes for anti-cancer treatment</i>
16.15 - 16.30	Burzlaff	Rodehuts Kors Philipp	<i>Novel iron(II) complexes as model of HIF-alpha-prolyhydroxylase</i>
16.30 - 16.45	Muller	Bijelic Aleksandar	<i>Expression, purification and crystallization of HSP40 from Nicotiana tabacum</i>
16.45 - 17.00	Muller	Budach Antony	<i>Expression, purification and crystallization of IE1</i>
17.00 - ??	<b><i>barbecue or pizza or a similar event</i></b>		

chairmen of the afternoon session are Dr. Einsiedel and Prof. Muller

gez. Dr. Hübner