

## DocDay 10

Friday 12<sup>th</sup> of July 2013, Graz  
Willi-Gaisch-Hörsaal, Universitätsplatz 6, HS 06.01

### Organizing committee

Elisa Lanfranchi, Horst Lechner, Kamila Napora-Wijata, Michael Tösch

### Program

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08:45 - 09:00	<b>Welcome and opening remarks</b>
	Vice Rector Univ.-Prof. Dipl.-Ing. Dr. techn. Horst Bischof (Graz University of Technology)
	Vice Rector Ao. Univ.-Prof. Mag. Dr. iur. Martin Polaschek (University of Graz)
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	<b>Session 1: Biocatalysis</b>
	Chair: Horst Lechner
09:00 - 09:45	<b>Plenary Lecture: Martina Pohl</b>
	<i>A toolbox for biocatalytic C-C-bond formation</i>
09:45 - 10:05	<b>Oral Presentation 1: Patricia Wildberger</b>
	<i>With sucrose phosphorylase to the novel osmolyte (R)-2-O-<math>\alpha</math>-D-glucopyranosyl glyceramide – an example for a regio- and enantioselective transglycosylation reaction</i>
10:05 - 10:30	<b>Oral Presentation 2: Anita Emmerstorfer</b>
	<i>S. cerevisiae as fragrant whole-cell biocatalyst</i>
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10:30 - 11:00	Coffee break and poster session
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	<b>Session 2: Structural Biology</b>
	Chair: Michael Tösch
11:00 - 11:25	<b>Oral Presentation 3: Philipp Aschauer</b>
	<i>Structural characterization of substrate binding in monoglyceride lipase</i>
11:25 - 11:50	<b>Oral Presentation 4: Ivan Hajnal</b>
	<i>Biochemical and structural characterisation of a novel manganese-dependent hydroxynitrile lyase from bacteria</i>

11:50 - 12:15     **Oral Presentation 5: Barbara Koch**  
*Topological investigations of Tgl3p – new aspects of the main triacylglycerol lipase of Saccharomyces cerevisiae*

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12:15 - 13:45     Lunch break and poster session

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**Session 3: Enzyme Engineering**

Chair: Kamila Napora

13:45 - 14:30     **Plenary Lecture: Andreas Vogel**  
*Enzyme engineering for industrial enzymes*

14:30 - 14:55     **Oral Presentation 6: Alexander Gutmann**  
*Switching between O- and C-glycosylation by active-site motif exchange in plant glycosyltransferases*

14:55 - 15:20     **Oral Presentation 7: Miriam Visram**  
*Molecular mechanisms of S-adenosyl-L-homocysteine toxicity*

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15:20 - 15:50     Coffee break and poster session

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**Session 4: Metabolic Regulation**

Chair: Elisa Lanfranchi

15:50 - 16:15     **Oral Presentation 8: Gernot Faustmann**  
*Increased activation of p50 nuclear factor kappa B (NF- $\kappa$ B) protein, but decreased activation of RelA (p65) with decreasing kidney function*

16:15 - 16:40     **Oral Presentation 9: Sabrina Schroeder**  
*Nucleo-cytosolic Acetyl-CoA production is a metabolic repressor of autophagy during aging.*

16:40 – 17:10     **Closing remarks, get together with food and drinks.**

17:10 - ...        **Talk and poster awards**