

## DocDay 9

Friday, February 8th 2013, Graz University of Technology,  
Hörsaal H "Experimental Chemie", Kopernikusgasse 24

### Organizing committee

Isabella Klein, Florian Krainer, Valentin Mitterer, Stefan Unterweger, Thomas Vogl

### Program

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09:00 - 09:15 **Welcome and opening remarks**

Vice Rector Univ.-Prof. DI Dr. Horst Bischof (Graz University of Technology)

Vice Rector Univ.-Prof. Dr. Peter Scherrer (University of Graz)

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#### Session 1: Yeast technologies

Chair: Florian Krainer

09:15 - 09:40 **Christine Winkler**

*The role of clathrin adaptor protein complex 1 (AP-1) in the post-Golgi trafficking of Fus1p*

09:40 - 10:05 **Thomas Vogl**

*Coordinated dual-gene expression using bidirectional promoters*

10:05 - 10:50 **Plenary Lecture: Nico Callewaert**

*Cooking course: make new drugs with lots of yeast, sugar and a sniff of bug and plant spice*

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10:50 - 11:10 Coffee and posters

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## Session 2: Structural biology

Chair: Stefan Unterweger

11:10 - 11:35 **Bastian Daniel**

*Structure and phylogenetics of bivalent flavoenzymes from Arabidopsis thaliana*

11:35 - 12:00 **Roland Viertlmayer**

*Structural analysis of Canavalia boliviana lectin in complex with different dimannosides: Insights into understanding pH-dependent oligomerisation in Diocleinae lectins*

12:00 - 12:45 **Plenary Lecture: Nenad Ban**

*Crystal structures of the eukaryotic ribosome and insights into the regulation and initiation of protein synthesis*

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12:45 - 13:45 Lunch

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## Session 3: Cell biology

Chair: Isabella Klein

13:45 - 14:30 **Plenary Lecture: Dieter Kressler**

*Synchronizing nuclear import of ribosomal proteins with ribosome assembly*

14:30 - 14:55 **Hanna Sprenger**

*Campylobacter fetus subspecies as model organisms for studying niche and host adaptation*

14:55 - 15:20 **Sandro Roier**

*An outer membrane vesicle vaccine against nontypeable Haemophilus influenzae infections*

15:20 - 15:45 **Christine Netzberger**

*Cdc48 regulates apoptosis by NFκB1 homolog-dependent expression of mitochondrial Sod*

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15:45 - 16:05 Coffee and posters

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### **Session 4: Biocatalysis**

Chair: Valentin Mitterer

16:05 - 16:30 **Michael Tösch**

*Sulfatases: A biocatalytic tool for the deracemisation of sec-alcohols*

16:30 - 16:55 **Kamila Napora**

*Mannitol dehydrogenase as a tool for enzymatic oxidation of lipophilic substrates: alcohols and sugar alcohols*

16:55 - 17:20 **Katrin Greimel**

*Development of an enzyme based system for the drying of alkyd resins*

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17:20 - 17:45 Talk and poster awards

Closing remarks

17:45 - ... Get together with food and drinks

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