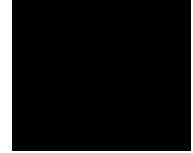




NAWI
Graz



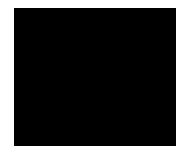
3rd DocDay

**Doctoral School of
Molecular Biosciences and Biotechnology**



WS 2010





3rd DocDay – NAWI Graz Doctoral School

Friday, 12th of February 2010

Humboldtstrasse 50/2

Program

8:40- 8:50

Welcome and Opening remarks

Organizing Committee

Prof. Dr. Renate Dworzcak, KFU, Vizedekan für Personal,
Personalentwicklung, NAWI Graz und Gleichbehandlung

Environmental Sciences- from Pesticides to Pichia

Chair: Laura Näätäsaari

8:50 – 9:10

Claudia Ruth (A. Glieder)

*Employing synthetic promoters for recombinant protein expression in
the yeast Pichia pastoris*

9:10 – 9:30

Florian Schmid (G. Berg)

Living little pesticides

9:30 – 9:50

Silvia Lang (E. Zechner)

Substrate recognition in bacterial type IV secretion pathways

9:50 – 10:20 Coffee and Posters

Membrane Biochemistry – more than just lipids

Chair: Harald Hofbauer

10:20 – 11:20 **Miroslava Spanova** (G. Daum)

*Effect of lipid particle biogenesis on the subcellular distribution of squalene in the yeast *Saccharomyces cerevisiae**

11:20 – 11:40 **Sandra Hermann** (S. Kohlwein)

The fate of fatty acids in yeast

11:40 – 12:00 **Plenary Lecture - David Teis (Department for Cell Biology, Medical University Innsbruck)**

The ordered assembly of the ESCRT machinery is required for the degradation of transmembrane proteins

12:00 – 13:30 Lunch and Posters

Immunology – new aspects for more comprehension

Chair: Melanie Connerth

13:30 – 13:50 **Yasemin Manavbasi** (K. Lohner)

Structural aspects of the interaction of the NK-2 derived peptides with cancer mimics and cancer cells

13:50 – 14:10 **Hannes Schleifer** (K. Groschner)

Store operated calcium entry in rat basophil leukaemia cells – contribution of TRPC3 and Orai1

14:10 – 15:10 **Plenary Lecture - Hannes Stockinger (Department of Molecular Immunology, Medical University of Vienna)**

Signal transduction across the plasma membrane visualized by ultrasensitive single molecule imaging
