



PROGRAMME

Monday, February 6th 2012, HS H, Kopernikusgasse 24

9:00- 9:15

Welcome and Opening remarks

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

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

Session 1

Chair: Anita Emmerstorfer

9:15- 9:35

Patricia Bubner

Cellulases dig deep: in situ observation of the mesoscopic structural dynamics of enzymatic cellulose degradation

9:35- 9:55

Joanna Krysiak

In the search for flavin-dependent oxidases in complex biological systems- an application of activity- based protein profiling in vivo

9:55- 10:40

Plenary Lecture- Paul J. J. Hooykaas

Leiden University

Plant genetic engineering by Type IV secretion of proteins and DNA molecules from Agrobacterium tumefaciens

10:40- 11:15

Coffee and posters

Session 2

Chair: Gustavo Arruda Bezerra

11:15- 11:35

Stefan Weiß

Investigation of microorganisms colonising activated zeolites and their use in anaerobic biogas production

11:35- 11:55 **Anastasia Bragina**
Highly- specific microbial communities associated with Spagnum mosses: biodiversity and function

11:55- 12:15 **Wolf- Dieter Lienhart**
The role of NAD(P)H: quinone oxidoreductase 1 in human cancer development

12:15- 12:35 **Manuel Moisi**
TRIVET- screening of Vibrio cholera for in vivo repressed genes

12:35- 13:35 Lunch

Session 3

Chair: Adam Redzej

13:35- 14:20 **Plenary Lecture- Gabriel Waksman**
Institute of Structural Molecular Biology, Birkbeck and University College of London

Mechanism of a protein assembly and secretion nanomachine at the bacterial outer membrane

14:20- 14:40 **Nikolaus Gössweiner- Mohr**
Crystal Structure of ORF14, a dsDNA- Binding Protein of the Gram-Positive Conjugative Plasmid pIP501

14:40- 15:00 **Walter Hohlweg**
Identification of a cation- π complex in V-ATPase which is absolutely essential for enzyme function

15:00- 15:30 Coffee and posters

Session 4

Chair: Birgit Ploier

15:30- 15:50 **Srinivasan Rengachari**
Monoglyceride lipases: Structure, Function and Evolution

15:50- 16:10

Daniel Koller

The ceramide response to oxidized phospholipid stress in cultured macrophages

16:10- 16:30

Ulrike Taschler

Monoglyceride lipase- deficiency in mice impairs lipolysis and attenuates diet-induced insulin resistance

16:30- 17:00

Best talk and poster awards and closing remarks

17:00- end

Get together with food and drinks
