



DocDay 13

Friday, February 6th, 2015, Graz

Graz University of Technology, Kopernikusgasse 24, HS H

Organizing Committee

Elisabeth Dornisch, Melanie Hirz, Deborah Leitner, Sabine Lichtenegger,
Katharina Mädje, Vinod Kumar Rajendra

Program

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

Vice Rector for Research:

Univ.-Prof. Dipl.-Ing. Dr.techn. Horst Bischof

(Graz University of Technology)

Vice Dean of the Faculty of Natural Sciences

Univ.-Prof. Dr.rer.nat. Christof Gattringer

(University of Graz)

Session 1

Chair: Vinod Kumar Rajendra

09:15 – 10:00 **Plenary Lecture: James B. Kaper**

Pathogenesis of Intestinal Infections due to Escherichia coli

10:00 – 10:20 **Oral Presentation 1: Sergio Pulido**

Functional and structural studies of the bacterial toxin IdrD.

10:20 – 10:40 **Oral Presentation 2: Peter Hofer**

*Fatty acid-binding proteins interact with comparative gene identification-58
linking lipolysis with lipid ligand shuttling*

10:40 – 11:10 Coffee break and poster session

Session 2

Chair: Katharina Mädje

11:10 – 11:40 **Alumni Speaker: Ruth Birner-Grünberger**

11:40 – 12:00 **Oral Presentation 3: Vera Novy**

From wheat straw to bioethanol: integrative analysis of a SHCF process with implemented enzyme production

12:00 – 12:20 **Oral Presentation 4: Manuel Eibinger**

Visualizing cellulase activity on the cellulose surface

12:20 – 13:30 Lunch break and poster session

Session 3

Chair: Melanie Hirz

13:30 – 14:15 **Plenary Lecture: Pau Ferrer**

Systems metabolic engineering for recombinant protein production in Pichia pastoris

14:15 – 14:35 **Oral Presentation 5: Julia Pitzer**

Development of synthetic tools for pathway engineering in different yeasts

14:35 – 14:55 **Oral Presentation 6: Corinna Odar**

Protein scaffolding to improve the flux through designed biosynthetic pathways

14:55 – 15:30 Coffee break and poster session

Session 4

Chair: Elisabeth Dornisch

15:30 – 16:00 **Alumni Speaker: Robert Eferl**

16:00 – 16:20 **Oral Presentation 7: Philipp Aschauer**

Structural characterisation of monoglyceride lipases from Saccharomyces cerevisiae

16:20 – 16:40 **Oral Presentation 8: Govindprasad Bhutada**

Unconventional metabolic targets to maximize lipid content in Yarrowia lipolytica

16:40 – 17:00 **Closing remarks, awards and get together with food and drinks.**
