



DocDay 14

Monday 6th of July 2015, Graz
HS 03.01; Universitätsplatz 1

Organizing committee

Ursula Feiler, Gernot Grabner, Peter Hofer,
Bernhard Lehofer, Rocel Amor Ortega

Program

09:00 – 09:15 **Welcome and opening remarks**
Vice-Rector for Human Resources Management and Gender Equality
Ao.Univ.-Prof. Dr. Renate Dworzak
(University of Graz)
Vice Rector for Research
Univ.-Prof. Dipl.-Ing. Dr.techn. Horst Bischof
(Graz University of Technology)

Session 1

Chair: Rocel Amor Ortega

09:15 – 10:00 **Plenary Lecture: Rita Grosch**
Factors affecting biocontrol effects at the field scale

10:00 – 10:20 **Oral Presentation 1: Sandro Roier**
A novel mechanism for bacterial outer membrane vesicle biogenesis

10:20 – 10:40 **Oral Presentation 2: Elisabeth Dornisch**
Biosynthesis and degradation of Klebsiella oxytoca enterotoxin tilivalline

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

Session 2

Chair: Peter Hofer

11:10 – 11:40 **Alumni Speaker: Petra Kotzbeck**
Exosomes: A novel concept of small vesicle dependent communication in metabolism and cancer

- 11:40 – 12:00 **Oral Presentation 3: Martin Kavšček**
Optimization of cultivation conditions for lipid production with a genome-scale model of Yarrowia lipolytica
- 12:00 – 12:20 **Oral Presentation 4: Helmut Pelzmann**
N-acetyltransferase 8-like (Nat8l/Shati) regulates energy homeostasis in mice
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12:20 – 13:30 Lunch break and poster session

Session 3

Chair: Gernot Grabner

- 13:30 – 14:15 **Plenary Lecture: Kerstin Stemmer**
Bariatric Surgery: A Highway to Cancer?
- 14:15 – 14:35 **Oral Presentation 5: Karin Kornmüller**
Peptide-based architectures: self-assembly of an amphiphilic designer peptide into a double helical superstructure
- 14:35 – 14:55 **Oral Presentation 6: Chaitanya R. Tabib**
A luciferous surprise: A new natural aldehyde substrate for bacterial bioluminescence
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14:55 – 15:30 Coffee break and poster session

Session 4

Chair: Ursula Feiler/Bernhard Lehofer

- 15:30 – 16:00 **Alumni Speaker: Andreas Winkler**
Going abroad and coming back
- 16:00 – 16:20 **Oral Presentation 7: Elisa Lanfranchi**
Unique and novel enzymes catalyzing cyanide release in fern
- 16:20 – 16:40 **Oral Presentation 8: Nicole Pabi**
Determination of micronutrients and effects of storage conditions on ascorbic acid loss in carbonated drinks
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16:40 – 17:00 **Closing remarks, awards and get together with food and drinks.**
