



4TH DOCDAY – Molecular Biosciences and Biotechnology

FRIDAY, 9TH JULY 2010, ZMB, HUMBOLDTSTRAÙE 48

PROGRAM

8⁴⁰ – 8⁵⁰ *Opening and Brief Introduction by the Organizing Committee*

Session 1: Extending our toolbox

Chair Person: Sandra Feichter

8⁵⁰ – 9¹⁰ **Joanna Maria Krysiak** (R. Breinbauer)
Novel pargyline-derived probes as effective proteomic tools for the active-site labeling of monoamine oxidases

9¹⁰ – 9³⁰ **Yasemin Manavbasi** (K. Lohner)
NKCS derived Peptides as Potential Cancer Therapeutics

9³⁰ – 9⁵⁰ **Lingaraju Marlingapla Halasiddappa** (A. Hermetter)
Ceramide Signaling In Oxidized Phospholipid (oxPL)-Induced Raw 267.4 Macrophage Cell Death

9⁵⁰ – 10²⁰ Coffee and posters

Session 2: Bacterial strategies- get a little pathogen

Chair Person: Manuel Moisi

10²⁰ – 10⁴⁰ **Ertugrul Kaan Celik** (W. Keller)
Conjugative DNA Transport in Gram-positive Bacteria

10⁴⁰ – 11⁰⁰ **Vera Fengler** (J. Reidl)
Characterization of ToxR, a Virulence Gene Regulator of *Vibrio cholera*

11⁰⁰ – 12⁰⁰ **Plenary Lecture – Andrew Camilli**
Tufts University School of Medicine, Boston, USA
Transitions of Vibrio cholerae into and out of the host

12 ⁰⁰ – 13 ³⁰	Lunch and posters
Session 3: Lipids and obesity – a journey from small molecules to deep impacts	
	Chair Person: Johanna Wiesbauer
13 ³⁰ – 13 ⁵⁰	Harald Hofbauer (S. D. Kohlwein) <i>Fatty Acid Synthesis and Cellular Regulation – an Intimate Affair...</i>
13 ⁵⁰ – 14 ¹⁰	Gernot Faustmann (B. M. Winklhofer-Roob) <i>Metabolic changes in overweight children during a nutrition and physical activity intervention program</i>
14 ¹⁰ – 15 ¹⁰	Plenary Lecture – Ronald P. Kühnlein Max Planck Institute for Biophysical Chemistry, Department of Molecular Developmental Biology, Göttingen, Germany <i>Of lipid droplets and obese flies: fat storage homeostasis in the Drosophila model system</i>
15 ¹⁰ – 15 ⁴⁰	Coffee and posters
Session 4 – Progress in bio- and food technology	
	Chair Person: Sandra Feichter
15 ⁴⁰ – 16 ⁰⁰	Konstantin Schneider (G. Gübitz) <i>Bioresponsive polymer composites based on modified polysaccharides</i>
16 ⁰⁰ – 16 ²⁰	Alam Zeb (M. Murkovic) <i>Role of Carotenoids in Thermal oxidation of Triacylglycerols</i>
16 ²⁰ – 16 ⁴⁰	Caterina Boniello (B. Nidetzky) <i>pH-Gradients in Immobilized Amidases: Experimental Evidence and Mathematical Modeling</i>
16 ⁴⁰ – 17 ⁰⁰	Poster awards and closing remarks
17 ⁰⁰ – end	Get together with food and drinks