



GBM – Mini-Symposium

“Molecular Life Science”

on 27./28.9.2010

**Biozentrum, Campus Riedberg
Goethe-Universität Frankfurt
Max-von-Laue-Str. 9
Lecture Hall N100 / R0.15**

Organisation

Prof. Dr. Robert Tampé
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- Program -



Monday – September 27, 2010

12:00 Welcome – Informal Discussion

13:00 Bioinformatics for modeling biochemical systems.
Ina Koch, Frankfurt a.M.
(Bioinformatik)

Bioinformatics analysis of molecular ageing and stem cell data.
Georg Fuellen, Rostock

13:20 Ras and Rho GTPases: regulators of tumor progression and metastasis.
Klaudia Giehl, Gießen
(Biochem. Pharmakologie und Toxikologie)

13:40 Medical Needs - Biomedical Solutions. The 5th Biomedical Students' Symposium in Würzburg 2010.
Maximilian Fries, Würzburg
(Molekulare Medizin)

14:00 Study group 'protein engineering and design': scientific topics and activities.
Reinhard Sterner, Regensburg & Harald Kolmar, Darmstadt
(Protein Engineering und Design)

14:20 *Coffee Break*

14:50 Recent highlights in signal transduction.
Christine Blattner, Karlsruhe
(Rezeptoren und Signaltransduktion)

15:10 From structural chemistry to the biology of complex glycans.
Franz Georg Hanisch, Köln & Rüdiger Horstkorte, Halle/Saale
(Glykobiologie)

15:30 Five years of GBM study group 'structural biology': résumé and future challenges.
Dirk Heinz, Braunschweig
(Strukturbiologie)

15:50 Chances and needs of Young Scientists in Studiengruppen.
Tim Hucho, Berlin
(AK Nachwuchswissenschaftler)

Informal Meeting for GBM Representatives:

17:00 Site Visit - Campus Westend
Meeting Point: Main Entrance (Pforte)

17:15 Round Table Discussion (Seminar room 15, Hörsaalzentrum)

19:00 Dinner - Restaurant "Sturm und Drang"
Campus Westend

Tuesday – September 28, 2010

09:00 From environmental analytics to new insights into molecular and system biology.
Sven Schuchardt, Hannover & René Zahedi, Dortmund
(Bioanalytik)

09:20 Structure of mitochondrial complex I.
Ulrich Brandt, Frankfurt a.M.
(Bioenergetik)

09:40 Mitochondrial protein biogenesis.
Peter Rehling, Göttingen
(Molekulare Zellbiologie)

Molecular analysis of the unconventional secretory machinery of fibroblast growth factor 2.
Walter Nickel, Heidelberg

10:00 Live cell imaging of neuronal development and degeneration.
Roland Brandt, Osnabrück
(Molekulare Neurobiologie)

Neuronal cell signaling in health and disease.
Rolf Heumann, Bochum

10:20 *Coffee Break*

11:00 Membranes on the move.
Dirk Schneider, Mainz & Lutz Schmitt, Düsseldorf
(Biomembranen)

11:20 Structural dynamics of proteins studied by single-molecule FRET.
Claus Seidel, Düsseldorf
(Biophysikalische Chemie)

Molecular mechanism of human guanylate binding protein 1.
Christian Herrmann, Bochum

11:40 RNA metabolism in halophilic archaea.
Anita Marchfelder, Ulm
(RNA-Biochemie)

RNA in genetic circuits.
Christian Hammann, Darmstadt

12:00 EU-OPENSREEN - An emerging European infrastructure of open screening platforms for chemical biology.
Ronald Frank, Braunschweig
(Chemische Biologie – Dechema, GDCh & DPhG)

Time resolved cellular metabolic response to cisplatin.
Stefan Wölfl, Heidelberg

12:20 Title
NN (Molekularbiologie und Biochemie der Pflanzen)
Departure