

HBIGS 1st Annual Review Meeting 2009

Programme

Welcome

08:30 - 09:00 Prof. Dr. Michael Lanzer/Prof. Dr. Elmar Schiebel (HBIGS)
Wolfgang Erichson (City of Heidelberg)
Dr. Sebastian Granderath (DFG)

Annual Report

09:00 - 09:30 Prof. Dr. Michael Lanzer & Prof. Dr. Elmar Schiebel

Session 1: **Cell Cycle & Development**

Chair: Dr. Sylvia Erhardt

09:30 - 09:45 Annette Schmidt (HIZ)
The Zebrafish Digital Embryo - Quantitative and Global
Analysis of Early Embryogenesis

09:45 - 10:00 Özgür Tataroglu (BZH)
Mechanism of temperature compensation of biological clocks

10:00 - 10:15 Balca Mardin (ZMBH)
Regulation by localization:
A novel pathway for centrosome splitting

10:15 - 10:30 Arne Bartol (DKFZ)
The role of the Angiopoietin-Tie system in maturation and
maintenance of human blood vessels

10:30 - 11:00 Coffee Break

Session 2: **Applied Sciences**

Chair: Dr. Lars Kaderali

11:00 - 11:30 Prof. Dr. Bernhard Hauer (BASF)
Industrial Biotechnologie at BASF: Today and tomorrow

11:30 - 11:45 Prof. Dr. Bernhard Eitel (Heidelberg University)

11:45 - 12:00 Mark-Oliver Diesner (Institute of Biophysical Chemistry)
Controlling alternative splicing and cell fate through
nanostructured, biofunctionalized substrates

12:00 - 12:15 Thomas Horn (DKFZ)
Identification of synthetic genetic interactions using RNA
interference

12:15 - 12:30 Stefan Czernmel (HIP)
Flavonoid biosynthesis in grapevine

12:30 - 14:00 Lunch Break (Lunch, Postersession)

Session 3: Pathogens and Disease

Chair: Dr. Friedrich Frischknecht

- 14:00 - 14:30 Dr. Ann-Kristin Müller (Hygiene-Institute)
Pre-emptive strike against malaria:
Deciphering antigenic specificity and effector mechanisms
induced by attenuated malaria parasites
- 14:30 - 14:45 Janina Baade (Hygiene-Institute)
Malaria parasite motility studies using micro-structured
substrates
- 14:45 - 15:00 Theresa Manful (ZMBH)
mRNA degradation in Trypanosomes:
The role of 5'-3'exonucleases
- 15:00 - 15:15 Aleksandra Pietrosiuk (ZMBH)
The novel role of the ATPase ClpV in bacterial Type IV protein
secretion
- 15:15 - 15:30 Philipp Kulozik (DKFZ)
TBL1 - diabetes and fatty liver
- 15:30 - 15:45 Stefano Gerola (Institute of Clinical Chemistry)
Predisposition for Colorectal Cancer: Models for Tumor
Development and Potential Surveillance through CEACAMs
Molecules

16:00-16:15 Coffee Break

Keynote Lecture:

Chair: Prof. Dr. Michael Lanzer

- 16:15 - 17:00 Prof. Dr. Lutz Gissmann (DKFZ)
Development of HPV vaccines

Poster Awards:

- 17:00 Poster Awards
- 16:00 Internal Meeting of the SAB- BioQuant, INF 267, Grenier-Saal,
7th floor
- 17:15 Meeting SAB & Executive Board, BioQuant, Grenier-Saal

Dinner:

- 17:30 Cocktail & Dinner (Chez Pierre, INF 304)