

Program of the Annual AGD Meeting 2010, Potsdam Oct 8-9

Friday, October 8

14:00-14:15 Welcome and Opening of Symposium

*Peter Nürnberg, President of the AGD
Trinad Chakraborty, Chair of the Program Committee*

14:15-15:45 Session 1 – Infectious Disease Epidemiology and Spread

Session Chair: Trinad Chakraborty, University of Giessen

- 14:15-14:45 **Manimozhiyan Arumugam** (European Molecular Biology Laboratory, Heidelberg)
“Human-microbe interplay: The human gut microbiome”
- 14:45-15:00 **Marcus Dröge** (Roche Diagnostics, Mannheim)
“Microbial genome sequencing using the 454 Sequencing Technology”
- 15:00-15:15 **Stefan Overkamp** (Beckman Coulter GmbH, Krefeld)
“Automated solutions in NextGen sequencing”
- 15:15-15:45 **Wolfgang Witte** (Robert Koch Institute, Wernigerode)
“Genomics of clonal spread of multiresistant bacteria”

15:45-16:30 Coffee Break, Industrial Exhibition and Poster Viewing

16:30-19:00 Session 2 – The Mystery of Viral Origin

Session Chair: Rolf Horstmann, BNITM, Hamburg

- 16:30-17:00 **Christian Drosten** (Institute of Virology, University of Bonn)
“Emerging viruses: insights into the sources of epidemics from the study of bats”
- 17:00-17:30 **Thomas Briese** (Center for Infection and Immunity, Columbia University, New York)
“A staged strategy to pathogen detection and discovery”
- 17:30-17:45 **Susanne Müller** (Sequenom GmbH, Hamburg)
“Nucleic acid analysis by MALDI-TOF MS for the molecular characterisation of microorganisms”
- 17:45-18:00 **Jim White** (NanoString, Seattle)
“Digital nucleic acid quantification, infectious diseases in bits”

18:00-19:00 Keynote lecture by Hans-Dieter Klenk, Marburg
“Mechanisms of pathogenicity and host range of influenza viruses”

19:00-20:00 Buffet, Industrial Exhibition and Poster Viewing

20:00-21:00 Concert with Music for voices, piano and cello from
Robert Schumann, Johannes Brahms and Antonín Dvořák

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Saturday, October 9

8:30-10:30 Session 3 – Genetics of Host Response (I)

Session Chair: Thomas F. Wienker, IMBIE Bonn

- 08:30-09:00 **Anavaj Sakuntabhai** (Institut Pasteur, Paris)
“Genetic susceptibility to Dengue”
- 09:00-09:30 **Djin-Ye Oh** (Floating Hospital for Children at Tufts Medical Center, Boston)
“TLR7/8 polymorphisms and viral infections”
- 09:30-10:00 **Sergey Nejentsev** (Institute for Medical Research, University of Cambridge)
“Human genes, viruses and autoimmunity”
- 10:00-10:30 **Holger Garn** (Department of Clinical Chemistry and Molecular Diagnostics, Philipps University of Marburg)
“Genetic susceptibility to allergens”

10:30-11:00 Coffee Break, Industrial Exhibition and Poster Viewing

11:00-12:30 Session 4 – Genetics of Host Response (II)

Session Chair: Peter Nürnberg, Cologne Center for Genomics

- 11:00-11:30 **Rolf Horstmann** (Bernhard Nocht Institute for Tropical Medicine, Hamburg)
“Recent findings on human genetic resistance to malaria”
- 11:30-12:00 **Christian Meyer** (Bernhard Nocht Institute for Tropical Medicine, Hamburg)
“Genetic susceptibility in tuberculosis”
- 12:00-12:15 **Maik Pruess** (Affymetrix – Europe)
“AXIOM, beyond GWAS”
- 12:15-12:30 **Abizar Lakdawalla** (illumina – San Diego)
“Next generation genomics”
- 12:30-13:00 **Trinad Chakraborty** (Institute of Medical Microbiology – Giessen)
“Genetic susceptibility in sepsis”

13:00-13:15 Oral presentations of poster prize winners

13:15-14:00 Lunchtime: Industrial Exhibition and Poster Viewing

14:00-15:30 AGD General Assembly

15:30 End of Meeting