

Program of the Annual AGD Meeting 2009, Potsdam Oct 9-10

Friday, October 9

14:00-14:10 Welcome and Opening of Symposium

Peter Nürnberg, President of the AGD
Michael Hummel, Chair of the Program Committee

14:10- 15:40 Session 1 – Deep sequencing – the solution?

Session Chair: Peter Nürnberg, Cologne Center for Genomics

- 14:10-14:40 **Peter Campbell** (Dept. of Hematology, University of Cambridge, UK)
"Whole lung cancer genome sequencing"
- 14:40-15:05 **Phil Stephens** (Cancer Genome Project, Sanger Institute, Hinxton, Cambridge, UK)
"Characterisation of structural variation in 24 breast cancer genomes using Illumina Genome Analyser paired-end sequencing"
- 15:05-15:30 **Andreas Dahl** (MPI für Molekulare Genetik, Berlin-Dahlem)
"Application of the SOLiD platform for whole genome resequencing in cancer genomics"
- 15:30-16:00 **Hans Lehrach** (MPI für Molekulare Genetik, Berlin-Dahlem)
"Transcriptome sequencing"

16:00-16:30 Coffee Break, Industrial Exhibition and Poster Viewing

16:30 – 19:00 Session 2 – The role of the epigenome

Session Chair: Michael Hummel (Institute of Pathology, Charité, Berlin)

- 16:30-17:00 **José Ignacio Martin-Subero** (Catalan Institute of Oncology, Barcelona, Spain)
"The impact of epigenetic alterations on tumorigenesis"
- 17:00-17:30 **H. Th. Marc Timmers** (Dept. Physiol. Chem., Univ. Med. Ctr. Utrecht, NL)
"Interplay of different epigenetic mechanisms"
- 17:30-17:50 **Carsten Müller-Tidow** (University Hospital, Münster)
"Clinical relevance of epigenetic changes in leukemia and lung cancer"
- 17:50-18:10 **Joost Louwagie** (OncoMethylome, Leuven, Belgium)
"Genome-wide epigenetic profiling to identify oncology biomarkers for diagnostic and theranostic applications"
- 18:10-18:30 **Gunter Weiss** (Epigenomics AG, Berlin)
"Epigenetic diagnostics"
- 18:30-19:00 **Interactive Panel Discussion**
"Challenges for the future"

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

20:00-21:00 Concert with Music from Felix Mendelssohn Bartholdy for piano and voices

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Saturday, October 10

8:30-10:00 Session 3 – *The impact of the tumor environment*

Session Chair: Thomas Bauknecht, Lilly Deutschland

- 08:30-09:00 **Georg Lenz** (Charité - Berlin)
"How important is the tumor environment for malignant diseases?"
- 09:00-09:30 **Cornelia Mauch** (Department of Dermatology, University Hospital Cologne)
"Tumor stroma interactions: their role in tumor invasion and metastasis"
- 09:00-10:00 **Elke Pogge von Strandmann** (Dept. I for Internal Med., Univ. Hospital Cologne)
"Targeting the microenvironment – a therapeutic option?"
- 10:00-10:30 **Oral presentations of poster prize winners**

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

11:00-13:30 Session 4 – *Diagnostic targets*

Session Chair: Jürgen Wolf, CIO KölnBonn

- 11:00-11:30 **Andreas Rosenwald** (Institute of Pathology, University Würzburg)
"Genomic subtyping"
- 11:30-11:45 **Dave Craford** (Pathwork Diagnostics, Redwood City, CA)
"Pathwork Diagnostics Tissue of Origin Test"
- 11:45-12:15 **Michael Hummel** (Institute of Pathology, Charité, Berlin)
"Coding-, non-coding-, micro-RNAs – a jungle?"
- 12:15-12:30 **Peer Stähler** (febit biomed gmbh and Biomarker Discovery Center BDC Heidelberg)
"microRNA signatures from blood"
- 12:30-13:00 **Reinhold Schäfer** (Laboratory of Molecular Tumor Pathology, Charité, Berlin)
"Somatic mutations in receptor tyrosine kinase-Ras signaling pathways and downstream consequences"
- 13:00-13:30 **Jürgen Wolf** (Center for Integrated Oncology, University Hospital Cologne)
"How to satisfy future needs in molecular oncology?"

13:30-14:30 Lunchtime: Industrial Exhibition and Poster Viewing

14:30 End of Meeting