

Program of the Annual AGD Meeting 2013, Potsdam Oct. 11-12

Friday, October 11

12:00-13:30 New tools in genomics – Sponsors' Satellite Session

Light refreshments and food will be served

Session Chair: Udo Schimmel, Alphametrix Biotech GmbH, Rödermark

- 12:00-12:15 **Ilse Klein** (PerkinElmer, Mainz)
"News in μ fluidics: gDNA quality assessment"
- 12:15-12:30 **Joe Don Heath** (NuGEN Technologies, Inc., San Carlos, CA)
"Innovative NGS sample preparation solutions for challenging samples"
- 12:30-12:45 **Mita Mancini** (Affymetrix UK, Wooburn Green)
"Increased diagnostic yield with new generation of cytogenetic arrays"
- 12:45-13:00 **George Vacek** (Convey Computer Corporation, Richardson, TX)
"Latest advances in bioinformatics computing"
- 13:00-13:15 **Markus Tilmes** (Advanced Analytical Technologies GmbH, Heidelberg)
"Automated DNA and RNA analysis – the FRAGMENT ANALYZER"
- 13:15-13:30 **Edgar Funk** (Illumina GmbH, München)
"Illumina TruSight - gene panels for routine NGS screening"

13:30-14:00 Coffee Break, Industrial Exhibition and Poster Viewing

The following companies' sponsorship is gratefully acknowledged

Advanced Analytical Technologies GmbH	LGC Genomics GmbH
Affymetrix UK Ltd.	Life Technologies GmbH
ATLAS Biolabs GmbH	Natera Inc.
BIOBASE GmbH	NuGEN Technologies Inc.
CeGaT GmbH	PerkinElmer Inc.
Convey Computer Corporation	Personalis Inc.
Illumina GmbH	QIAGEN GmbH
JSI medical systems GmbH	TIB MOLBIOL GmbH

Venue - SEMINARIS Seehotel, An der Pirschheide 40, 14471 Potsdam, Tel. 0331-9090-0

Registration - Online at <http://www.agdev.de/anmeldung.html>, on-site registration starts on Friday at 11 AM

Fees - AGD Members 65 €, Non AGD Members 125 €, Students 35 €; late registration surcharge is 25 €

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

Peter Nürnberg, President of the AGD
Peter Propping, Chair of the Program Committee

14:15-16:15 Session 1 – NGS-based diagnostics in human genetics

Session Chair: Peter Propping, Institute of Human Genetics, Bonn

- 14:15-14:45 **Alexander Hoischen** (Radboud University Medical Centre, Nijmegen)
“Gene panels, exomes, genomes – is less more?”
- 14:45-15:15 **Peter Robinson** (Institute for Medical and Human Genetics, Charité, Berlin)
“International efforts to improve clinical interpretation of genetic variants”
- 15:15-15:45 **Saskia Biskup** (CeGaT, Tübingen)
“Diagnostic application of next-generation sequencing in Germany”
- 15:45-16:15 **Wolfgang Vogt** (German Heart Centre Munich, München)
“Problematic regulations of the German Gene Diagnostics Act”

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

16:45-18:15 Session 2 – Analyzing plasma DNA for prenatal and tumor diagnostics

Session Chair: Peter Nürnberg, Cologne Center for Genomics, Köln

- 16:45-17:15 **Diana Bianchi** (Tufts University School of Medicine, Boston, MA)
“Lessons learned from noninvasive prenatal testing using sequencing of maternal plasma DNA”
- 17:15-17:45 **Bernhard Zimmermann** (Natera, San Carlos, CA)
“SNP targeted sequencing of cell free DNA from plasma of pregnant women”
- 17:45-18:15 **Davina Gale** (Cancer Research UK Cambridge Institute, Cambridge)
“Non-invasive identification and monitoring of cancer mutations by analysis of circulating tumour DNA”

18:15-19:00 Keynote lecture by Peter Lichter (DKFZ, Heidelberg)

“Integrative genomics in cancer research and its impact in oncology”

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

20:00-21:00 “Hush, no more ...”

Serenade with baroque music from England, Germany, and Italy

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Saturday, October 12

8:30-10:00 Session 3 – Personalized cancer therapy through oncogenomics

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

- 08:30-09:00 **Reinhard Büttner** (University Hospital of Cologne, Cologne)
“Lung Cancer: a paradigm for making therapeutic decisions based on genomic lesions”
- 09:00-09:30 **Timothy Perera** (Janssen Pharmaceutica NV, Beerse, Belgium)
“Targeting driver pathways and resistance mechanisms in lung cancer”
- 09:30-10:00 **Markus Warmuth** (H3 Biomedicine Inc., Cambridge, MA)
“Translating the cancer genome into impactful drugs”
- 10:00-10:30 **Oliver Stephan** (Life Technologies, Darmstadt)
“Recent progress in Ion Torrent Semiconductor Sequencing”

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

11:00-13:00 Session 4 – On the way toward a perfect reproduction

Session Chair: Peter Propping, Institute of Human Genetics, Bonn

- 11:00-11:30 **Dirk Löffert** (QIAGEN, Hilden)
“Gene panel sequencing on the new QIAGEN GeneReader”
- 11:30-12:00 **Hilger Ropers** (MPI for Molecular Genetics, Berlin)
“Our load of recessive mutations, their consequences and diagnostics”
- 12:00-12:30 **Thomas Katzorke** (novum – Zentrum für Reproduktionsmedizin, Essen)
“Is there a need for testing semen donors for recessive mutations?”
- 12:30-13:00 **Ole Döring** (Horst-Görtz-Institut, Charité, Berlin)
“The influence of the new genetics on society and our 'Menschenbild?’”

13:00-13:30 Oral presentations of poster prize winners

13:30-14:30 Buffet, Industrial Exhibition and Poster Viewing

14:30-16:00 AGD General Assembly

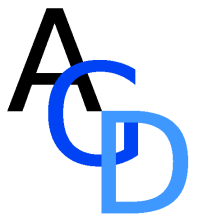
16:00 End of Meeting

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The New Age of Comprehensive Testing
Arbeitsgemeinschaft für Gen-Diagnostik e.V.



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