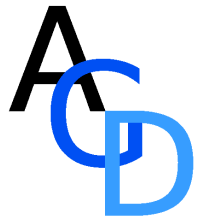


# The pan-omics landscape of human diseases

## Arbeitsgemeinschaft für Gen-Diagnostik e.V.



### Program of the Annual AGD Meeting 2015, Potsdam Oct. 23-24

Friday, October 23

#### 12:00-14:00 New tools in genomics – Sponsors' Satellite Session

*Session Chair: Udo Schimmel, Alphametrix Biotech GmbH, Rödermark*

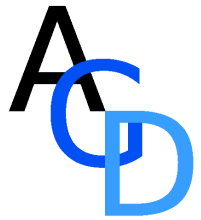
- 12:00-12:15 **Götz Frommer** (Agilent Technologies, Waldbronn)  
"DNA Integrity Number (DIN)"
- 12:15-12:30 **Gösta Schmitz** (Covaris Ltd, Brighton, UK)  
"Extraction and purification of NGS-grade DNA and RNA from FFPE tissue samples"
- 12:30-12:45 **Nicolas Piganeau** (Affymetrix UK Ltd, Wooburn Green, UK)  
"Get the full view: an integrated tumour profiling approach"
- 12:45-13:00 **Maik Prüß** (Nanostring Technologies Europe Ltd, Bristol, UK)  
"NanoString nCounter System: a multiplex digital color-coded barcode technology for validation and translational research applications"
- 13:00-13:15 **Wieland Keilholz** (NuGEN Technologies, San Carlos, CA)  
"A target enrichment technology optimized for NGS analysis of SNPs, mutations and copy number changes in 509 cancer-related gene targets"
- 13:15-13:30 **Daniel Liber** (WaferGen Biosystems Europe S.à r.l., Luxembourg)  
"Innovative solutions for target enrichment, NGS library automation and single cell processing"
- 13:30-13:45 **Hanna Schutz** (Cambridge Epigenetix Ltd, Babraham, UK)  
"Next Generation Epigenetics - innovative research tools for the accurate analysis of DNA modifications"
- 13:45-14:00 **Emilia Danilowicz-Luebert** (Diagenode SA, Seraing, Belgium)  
"Diagenode technologies for epigenetics and NGS applications"

#### The following companies' sponsorship is gratefully acknowledged

Advanced Analytical Technologies GmbH	Life Technologies GmbH
Affymetrix UK Ltd	Molecular Health GmbH
Agilent Technologies Inc.	Nanostring Technologies Europe Ltd
ATLAS Biolabs GmbH	NuGEN Technologies Inc.
Cambridge Epigenetix Ltd	PerkinElmer Inc.
Covaris Ltd	Roche Diagnostics Deutschland GmbH
Diagenode SA	Steinbrenner Laborsysteme GmbH & DNA Genotek Inc.
Illumina GmbH	TIB MOLBIOL GmbH
JSI medical systems GmbH	WaferGen Biosystems Inc.

# The pan-omics landscape of human diseases

## Arbeitsgemeinschaft für Gen-Diagnostik e.V.



### Program of the Annual AGD Meeting 2015, Potsdam Oct. 23-24

Friday, October 23

**14:15-14:30 Welcome and Opening of Symposium**

*Peter Nürnberg, President of the AGD*  
*Reiner Siebert, Chair of the Program Committee*

**14:30-16:00 Session 1 – Genome analysis: from technology to quality control**

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

- 14:30-15:00 **Mark T. Ross** (Illumina Cambridge Ltd, Little Chesterford, Essex)  
“Genomes for Medicine”
- 15:00-15:30 **Benedikt Brors** (DKFZ, Heidelberg)  
“Practical bioinformatics approaches to whole genome and targeted resequencing”
- 15:30-16:00 **Ivo Buchhalter** (DKFZ, Heidelberg)  
“What you can and cannot expect from your whole genome sequencing data: results and conclusions of the ICGC benchmark”

**16:00-16:45 Coffee Break, Industrial Exhibition and Poster Viewing**

**16:45-18:15 Session 2 – Cancer genomics: from structural variation to tumor heterogeneity**

*Session Chair: Reiner Siebert, Institute of Human Genetics, Kiel*

- 16:45-17:15 **Jan O. Korbel** (EMBL, Heidelberg)  
“Structural chromosomal aberrations”
- 17:15-17:45 **Ludmil Alexandrov** (Los Alamos National Lab (LANL), USA)  
“Single nucleotide variants and mutational signatures”
- 17:45-18:15 **Christoph Plass** (DKFZ, Heidelberg)  
“Progressive epigenetic programming during B cell maturation yields a continuum of disease phenotypes in chronic lymphocytic leukemia”

**18:15-19:00 Keynote lecture by Thorsten Zenz**  
**Nationales Centrum für Tumorerkrankungen (NCT) Heidelberg**

“From OMICs to CLINICS”

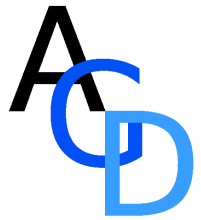
**19:00-20:15 Buffet, Industrial Exhibition and Poster Viewing**

**20:15-21:30 Concert "Willkommen schöner Herbst..."**

Die schönsten Lieder, Duette und Klaviermusik zum Herbst aus Barock, Klassik, Romantik und Gegenwart verbunden mit heiteren Anekdoten über die Komponisten.

# The pan-omics landscape of human diseases

## Arbeitsgemeinschaft für Gen-Diagnostik e.V.



### Program of the Annual AGD Meeting 2015, Potsdam Oct. 23-24

Saturday, October 24

#### 8:30-10:15 Session 3 – Epigenomics: from chromatin code to single cells

*Session Chair: Reiner Siebert, Institute of Human Genetics, Kiel*

- 08:30-09:00 **Ido Amit** (Department of Immunology, Weizmann Institute, Rehovot, Israel)  
“Shaping the blood: Lessons from Chromatin and single cell RNA dynamics”
- 09:00-09:30 **Jose I. Martin Subero** (IDIBAPS, University of Barcelona, Barcelona, Spain)  
“Epigenomes of normal and neoplastic B cells”
- 09:30-10:00 **Steve Hoffmann** (University Leipzig)  
“lncRNAs and their epigenetic effects”
- 10:00-10:15 **Gregor Obernosterer** (Roche Sequencing, Mannheim)  
“Characterization of functional methylomes by targeted sequence capture”

#### 10:15-10:45 Coffee Break, Industrial Exhibition and Poster Viewing

#### 10:45-13:00 Session 4 – Translational onco(epi)genomics: from research to therapy

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

- 10:45-11:00 **Franziska Freund** (Life Technologies GmbH, Darmstadt)  
“Targeted resequencing - a fully automated workflow for oncology and other fields”
- 11:00-11:30 **Stephan Brock** (Molecular Health, Heidelberg)  
“Translational oncogenomics – evidence-driven therapies”
- 11:30-12:00 **Stephanie Rössler** (Institute of Pathology, Heidelberg)  
“Translational onco(epi)genomics in liver tumors”
- 12:00-12:30 **Martin Peifer** (Department of Translational Genomics, Cologne)  
“Translational onco(epi)genomics in lung tumors and neuroblastoma”
- 12:30-13:00 **Reiner Siebert** (Institute of Human Genetics, Kiel)  
“Translational onco(epi)genomics in malignant lymphomas”

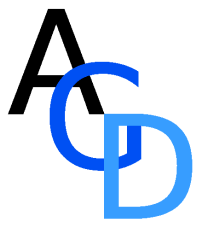
#### 13:00-13:30 Oral presentations of poster prize winners

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

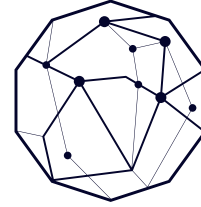
#### 14:30-16:00 AGD General Assembly

**16:00 End of Meeting**

The pan-omics landscape of human diseases  
Arbeitsgemeinschaft für Gen-Diagnostik e.V.



Program of the Annual AGD Meeting 2015, Potsdam Oct. 23-24



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