

## 12:45-1:00 pm Poster Award Ceremony

12:45 – 1:00 pm **Ceremony: "Annemarie Poustka Poster Award of Medical Genome Research 2011"** sponsored by Roche Diagnostics Deutschland GmbH  
**Christine Kuch**, Roche Diagnostics Deutschland GmbH  
**Stefan Wiemann**, Spokesperson for the Project Committee of NGFN-Plus / NGFN-Transfer

## Symposium V: Genomics of Cancer

1:00 – 1:15 pm **Alessandro Prigione**, MPI for Molecular Genetics, Berlin, Germany  
*Human Induced Pluripotent Stem Cells Harbor Homoplasmic and Heteroplasmic Mitochondrial DNA Mutations While Maintaining Human Embryonic Stem Cell-like Metabolic Reprogramming*

1:15 – 1:30 pm **Christian Wichmann**, Institute for Biomedical Research, Frankfurt am Main, Germany  
*Development of molecular inhibitors targeting hot spots of AML1/ETO dimer-tetramer transition*

1:30 – 1:45 pm **Ruprecht Kuner**, DKFZ & NCT, Heidelberg, Germany  
*miRNAs in prostate cancer*

1:45 – 2:15 pm **Coffee Break**

2:15 – 2:30 pm **Jörg Hoheisel**, DKFZ Heidelberg, Germany  
*Affinity-based proteomic analysis of pancreatic cancer*

2:30 – 2:45 pm **Alexandra Farrall**, MPI for Molecular Genetics, Berlin, Germany  
*Multiple (epi)genetic modifier loci of Apcmin-induced tumorigenesis identified using chromosome substitution strains*

2:45 – 3:30 pm **Keynote: Ivo Gut**, Centro Nacional de Análisis Genómico, Barcelona, Spain  
*Cancer Genome Analysis in Chronic Lymphocytic Leukemia*

3:30 – 3:45 pm **Concluding Remarks: Markus Nöthen**, Friedrich-Wilhelms University, Bonn, Spokesperson for the Project Committee of NGFN-Plus / NGFN-Transfer in the Program of Medical Genome Research

## Conference Secretariat

**NGFN Management Office**  
c/o German Cancer Research Center - DKFZ  
Im Neuenheimer Feld 280, V025, D-69120 Heidelberg

Dr. Silke Argo  
E-mail: [s.argo@dkfz.de](mailto:s.argo@dkfz.de); Phone: +49-6221-424743

Dr. Anke Bentmann; Phone: +49-6221-424742  
Dr. Tanja Jutzi, Dr. Johanna Lampert; Phone: +49-6221-424767  
Anita Miehle; Phone: +49-6221-424649

## Venue

**Urania, Berlin**  
An der Urania 17  
10787 Berlin  
[www.uranias.de](http://www.uranias.de)

## „Tag der Genomforschung“

Since its foundation 10 years ago, the NGFN has been very successful with more than 3.500 publications and 100 patent applications released by its members. Our anniversary is a great occasion to inform the public about human genome research at the "Tag der Genomforschung" on September 26, 2011 at Urania in Berlin.  
<http://www.ngfn.de/jubilaum>

## With special thanks to:



PROGRAM OF  
MEDICAL GENOME RESEARCH

4<sup>th</sup> Annual Meeting of

NGFN-Plus and NGFN-Transfer  
in the  
Program of Medical Genome Research

September 26-28, 2011

Urania, Berlin

[www.ngfn-meeting.de](http://www.ngfn-meeting.de)

## Scientific Program Committee

Prof. Martin Hrabé de Angelis  
Helmholtz Zentrum München

Prof. Joachim Jankowski  
Charité Berlin

Prof. Hugo Katus  
Universität Heidelberg

Prof. Hans Lehrach  
Max-Planck-Institut f. Molekulare Genetik, Berlin

Prof. Peter Lichter  
DKFZ Heidelberg

Prof. Markus Nöthen  
Friedrich-Wilhelms Universität Bonn

Prof. Matthias Riemenschneider  
Universitätsklinikum des Saarlandes, Homburg/Saar

Prof. Stefan Schreiber  
Universitätsklinikum Schleswig-Holstein, Kiel

Prof. Heribert Schunkert  
Universitätsklinikum Schleswig-Holstein, Lübeck

Prof. H. Erich Wichmann  
Helmholtz Zentrum München

PD Dr. Stefan Wiemann  
DKFZ Heidelberg

Prof. Wolfgang Wurst  
Helmholtz Zentrum München

SPONSORED BY THE



## Program

Version 2011-09-15

### Monday, September 26, 2011

4:30 – 7:30 pm	<b>Satellite Symposium: Next-Generation Sequencing (Org. Philip Rosenstiel)</b>
4:30 – 5:00 pm	Election Project Committee (by invitation only)
7:30 pm	<i>Supper</i>

### Tuesday, September 27, 2011

#### Symposium I: Genomics of CNS Disorders

9:00 – 9:45 am	<b>Keynote: Julie Williams</b> , Cardiff University School of Medicine, Cardiff, UK <i>Defining the Genetic Architecture of Alzheimer's Disease</i>
9:45 – 10:00 am	<b>Günter Höglinger</b> , Philipps-University Marburg, Germany <i>Identification of common variants influencing risk of the tauopathy Progressive Supranuclear Palsy</i>
10:00 – 10:15 am	<b>Aaron Voigt</b> , University Medical Center, RWTH Aachen, Germany <i>The Mitochondrial Chaperone Protein TRAP1 Mitigates <math>\alpha</math>-Synuclein Toxicity</i>
10:15 – 10:45 am	<b>Coffee Break</b>
10:45 – 11:00 am	<b>Sandra Meier</b> , Central Institute of Mental Health, University of Heidelberg, Mannheim, Germany <i>Association between negative mood delusions in bipolar disorder and genetic variations in 3q26.1</i>
11:00 – 11:15 am	<b>Hans-Hilger Ropers</b> , Max Planck Institute for Molecular Genetics, Berlin, Germany <i>Deep sequencing reveals 50 novel genes for recessive cognitive disorders</i>
11:15 – 11:30 am	<b>Elisabeth Graf</b> , Helmholtz Zentrum Munich, Neuherberg, Germany <i>Exome Sequencing Reveals a Mutation in the Retromer Protein VPS35 as Cause for Late-Onset Parkinson's Disease</i>
11:30 – 1:30 pm	<b>Lunch Break and Poster Session I</b> <i>11:30 – 12:30 pm odd numbers, 12:30 – 1:30 pm even numbers</i>
11:30 – 1:30 pm	<b>Company Satellite Sessions</b> Roche Diagnostics Deutschland GmbH chemagen Biopolymer-Technologie AG

#### Welcome

1:30 – 2:00 pm	<b>Stefan Wiemann</b> , DKFZ Heidelberg, Spokesperson for the Project Committee of NGFN-Plus / NGFN-Transfer in the Program of Medical Genome  <b>Karin Effertz</b> , Federal Ministry of Education and Research, Germany
----------------	---

#### Symposium II: Genomics of Cardiac Disease and Metabolism

2:00 – 2:45 pm	<b>Keynote: Leif Groop</b> , Lund University, Malmö, Sweden <i>Genetics of type 2 diabetes - quo vadis?</i>
2:45 – 3:00 pm	<b>Christian Gieger</b> , Helmholtz Zentrum Munich, Germany <i>Human metabolic individuality in biomedical and pharmaceutical research</i>
3:00 – 3:15 pm	<b>Nadja Knoll</b> , University of Duisburg-Essen, Essen, Germany <i>Gene set of nuclear encoded mitochondrial regulators is enriched for inherited variation in obesity</i>
3:15 – 3:30 pm	<b>Benjamin Meder</b> , University Hospital Heidelberg, Germany <i>Genome-wide association study identifies novel risk locus for dilated cardiomyopathy</i>
3:30 – 3:45 pm	<b>Thorsten Kessler</b> , University of Lübeck, Germany <i>Investigation of the coronary artery disease risk gene ADAMTS-7 in a murine knockout-model</i>
3:45 – 4:30 pm	<b>Coffee Break</b>

#### Symposium III: From Genomics to Application

4:30 – 5:15 pm	<b>Keynote: Cornelia van Duijn</b> , Erasmus Medical Center, Rotterdam, Netherlands <i>From Genetic Research to Clinical Translation</i>
5:15 – 5:30 pm	<b>Christoph Bock</b> , Broad Institute, Cambridge, MA, USA <i>A functional genomics scorecard predicts the quality and utility of human pluripotent cell lines for regenerative medicine</i>
5:30 – 5:45 pm	<b>Angelika Daser</b> , Fertility Center Wiesbaden, Germany <i>High throughput copy number counting in single cells – a method for the detection of meiotic and mitotic errors</i>

5:45 – 6:00 pm	<b>Hans Lehrach</b> , MPI for Molecular Genetics, Berlin, Germany <i>The IT Future of Medicine – a flagship initiative to revolutionize our health care system</i>
6:00 – 6:15 pm	<b>Martin Hrabé de Angelis</b> , Helmholtz Zentrum Munich, Germany <i>Next steps in systemic analysis of mouse mutants at the German Mouse Clinic</i>
6:15 – 7:00 pm	<b>Keynote: Henk Stunnenberg</b> , Nijmegen Centre for Molecular Life Sciences, Nijmegen, Netherlands <i>The BLUEPRINT of hematopoiesis</i>
<b>Evening Lecture:</b> 7:00 – 8:00 pm	<b>Klaus Lindpaintner</b> , SDIX (Strategic Diagnostics Inc.), Newark, Delaware, USA <i>Future Medicine: The promise and challenge of translating science into health care</i>
8:00 – 10:00 pm	<b>Get-Together (Wine, Finger food, Music)</b>

### Wednesday, September 28, 2011

#### Symposium IV: Genomics of Infection, Inflammation & Environmental Interaction

9:00 – 9:45 am	<b>Keynote: Karin de Visser</b> , The Netherlands Cancer Institute - Antoni van Leeuwenhoek Hospital, Amsterdam, Netherlands <i>Impact of the immune system on metastatic breast cancer and chemotherapy efficacy</i>
9:45 – 10:00 am	<b>Robert Häslér</b> , Christian-Albrechts University Kiel, Germany <i>Impaired host-microbiome crosstalk in inflammatory bowel disease</i>
10:00 – 10:15 am	<b>Martin Kerick</b> , MPI for Molecular Genetics, Berlin, Germany <i>Integrative data analysis of cancer tissues using next generation sequencing</i>
10:15 – 10:30 am	<b>Adam Baker</b> , Exiqon A/S, Vedbaek, Denmark <i>Early detection of colorectal cancer from patient blood plasma using microRNA-based RT-qPCR</i>
10:30 – 10:45 am	<b>Stefan Wiemann</b> , DKFZ Heidelberg, Germany <i>IG Cellular Systems Genomics: Network analysis of tumor drug resistance</i>
10:45 – 12:45 am	<b>Lunch Break and Poster Session II</b> <i>10:45 – 11:45 am odd numbers, 11:45 – 12:45 pm even numbers</i>
10:45 – 12:45 am	<b>Company Satellite Sessions</b> Complete Genomics Life Technologies illumina