10:00 – 10:15 am  Tobias Stoeger, Helmholtz Zentrum München, Germany
Response to ultrafine particle instillation in two mouse strains with extremely divergent lung function

10:15 – 10:30 am  Rainer Sponagel, Central Institute of Mental Health Mannheim, Germany
Alcoholism – A Systems approach from molecular physiology to addictive behaviour

10:30 – 10:45 am  Hadi Al-Hasani, German Institute for Human Nutrition Nuthetal, Germany
Tbc1d1 mutation confers leanness and protects from diet-induced obesity and diabetes

10:45 – 12:45 pm  Lunch Break and Poster Session II – Posters Symposia V-VI

10:45 – 12:45 pm  Company Satellite Lunch Sessions:
Roche Diagnostics GmbH – LightCycler 480 System (Real-Time PCR)
Illumina Ltd – Genotyping and Gene-expression updates from Illumina
TMF e.V. – Contact partner and common platform for networked medical research

Symposium VI: Transfer from Genomics to Application
(Chairs: Markus Hecker, Birte Sönnichsen)

12:45 – 1:30 pm  Keynote: Bert Klebl, Lead Discovery Center GmbH, Dortmund, Germany
From Genomes to Drugs

1:30 – 1:45 pm  Martin Sos, Max Planck Institute for Neurological Research Cologne, Germany
Defining PI3-Kinase dependency in non-small cell lung cancer

1:45 – 2:00 pm  Eva Latkova, Helmholtz Zentrum München, Germany
Functional impact of polymorphisms on the human delta-6 desaturase gene promoter

2:00 – 2:15 pm  Nicole Huebener, Charité – University Medicine Berlin, Germany
 Xenogeneic immunization with human tyrosine hydroxylase DNA vaccines effectively eradicate established neuroblastoma and induce long lasting protective immunity

2:15 – 2:30 pm  Michol-Ruth Schweiger, Max Planck Institute for Molecular Genetics, Berlin, Germany
High-throughput sequencing of snap frozen and paraffin embedded cancer and normal tissue samples

2:30 – 2:45 pm  Isabel von Korff, Competence Center Technology Transfer (KTT)
Technology Transfer in the program for medical genome research

2:45 – 3:00 pm  Ceremony: “Annamarie Poustka Poster Award of Medical Genome Research” sponsored by Roche Diagnostics GmbH
Concluding Remarks: Hugo Katus, Speaker Project Committee of NGFN-Plus / NGFN-Transfer in the Program of Medical Genome Research

With special thanks to:

Conference Secretariat

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Venue
Helmholtz Zentrum München
Ingolstädter Landstr. 1
85764 Neuherberg

The conference will be held in the Auditorium and Biologikum of the Helmholtz Zentrum München which is located in Neuherberg in the north of Munich, Germany. Bus shuttle service will be provided.
Genome-wide scan on total serum IgE levels identifies FCER1A as novel susceptibility locus

Coffee Break

4:15 – 4:30 pm
Johannes Schulte, Universitätskinderklinik Essen, Germany
Histidine demethylase LSD1 is highly expressed in poorly differentiated neuroblastoma and is a novel therapeutic target

4:30 – 4:45 pm
Jochen Supper, Center for Bioinformatics Tübingen, Germany
Predicting DNA-binding specificities of transcription factors

Program
Thursday, December 11th, 2008
1:00 - 4:00 pm Workshop: Next Generation Sequencing
1:30 - 2:30 pm Workshop: The NGFN Genome-Wide Association Studies (GWAS) Program for Complex Phenotypes
8:00 pm Supper

Friday, December 12th, 2008
8:30 – 9:00 am Welcome:
Günther Wess, Scientific Director, HMGU
Elmar Nimmesgern, BMBF
Martin Hrabé de Angelis, Speaker Project Committee of NGFN-Plus / NGFN-Transfer in the Program of Medical Genome Research

Symposium I: Genomics of Common Disease
(Chairs: Hugo Katus, Stefan Schreiber)
9:00 - 9:45 am Keynote: Nilesh Samani, University Leicester, UK
Genetics of CAD (coronary artery disease): an update

9:45 - 10:00 am Arne Pfeuffer, Institute of Human Genetics, Technical University Munich & Helmholtz Zentrum München, Germany
Common variants at ten loci modulate the QT interval duration in individuals of European ancestry: the QTSCD consortium

10:00 - 10:15 am Marcello Rietschel, Central Institute of Mental Health Mannheim, Germany
Genome-wide association study of alcohol dependence

10:15 - 10:30 am Sven Cichon, Life & Brain Center, University of Bonn, Germany
Large recurrent microdeletions associated with schizophrenia

10:30 - 10:45 am Iris Heid, Helmholtz Zentrum München, Germany
Meta-analyses of genome-wide association studies: six new obesity-associated loci highlight a neuronal influence on body weight regulation

10:45 - 11:00 am André Franke, Universität zu Lübeck, Germany
Genome-wide scan reveals association of psoriasis with IL-23 and NF-κB pathways

11:00 - 11:30 am Thomas Illig, Helmholtz Zentrum München, Germany
Looking at microRNA and mRNA profiles and related epigenetic variations in promoter regions of pancreatic cancer samples

5:15 – 6:00 pm Keynote: Howard Jacob, Medical College Wisconsin, Milwaukee, USA
The Role of Transgenic Rats in a Genome Wide Association Studies (GWAS) World

6:00 – 6:15 pm Stefan Wiemann, DKFZ (German Cancer Research Center) Heidelberg, Germany
IG-CGS: cellular systems genomics

6:15 – 6:30 pm Jan Rozman, Helmholtz Zentrum München & Technische Universität München, Germany
Identification of new targets playing a role in metabolic diseases by systemic analysis in the German Mouse Clinic

6:45 – 7:00 pm Benjamin Meder, University of Heidelberg, Germany
Myosin light chain-1 controls cardiac contractility

Evening Lecture:
7:00 – 8:00 pm Matthias Mann, MPI of Biochemistry, Martinsried, Germany
High resolution proteomics in functional genomics

8:00 pm - open end: Get-Together, Dinner

Saturday, December 13th, 2008
9:00 - 9:45 am Keynote: Christian Gieger, University Medical School, Rotterdam, NL
From genome wide association studies to risk prediction: the importance of studies of gene interactions

9:45 - 10:00 am Christian Gieger, Helmholtz Zentrum München, Germany
Genetics meets metabolomics: a genome-wide association study of metabolite profiles in human serum