

Rückblick 2. Weimar Conference of Genetics



Genetic Variation in Man and its Functional Implications

Bauhaus-Universitaet, Weimar, Germany

September 25 - 27, 2002

It has become clear that the collective genome is just a prototype for the individual human genomes with regard to the sequential, functional and regulatory aspects of our genes. There are enormous person-to-person variations in sequence and position of individual genes.

In recent years, these observations have created tremendous interest mainly into two research directions, i.e. what are the mechanisms for the evolution of such a variation on the molecular and cytogenetic levels and to which extent does this individual genetic variation affect physiological reactions in health and disease. In drug research, genetic variation between populations and individuals may help to explain the differential responsiveness of individuals in aspects such as xenobiotics adsorption, distribution, metabolism and excretion. This is relevant for both established drugs and lead compounds in clinical development (pharmacogenetics). It may help to develop predictions on the potential toxic effects of single drugs or combination therapies in genetically predisposed patients (toxicogenomics).

This conference aims to present the expanding scientific information on mechanisms of genetic diversification in man and its driving forces. It also should develop a dialogue with drug research on functional genomics in a given individual genomic setting.

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The conference was organised in five sections, i.e.

- Diversity of genes and genomes
- i Mechanisms for creation of diversity
- Correlation between genetic variation and disease phenotypes
- 1 Pharmacogenetics
- Genotype-phenotype relation and modifying mechanismsms

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Organized by

Gesellschaft für Genetik (GfG) e.V., Giessen

President: Rudi Balling

Web: http://www.uni-giessen.de/gfg

to

Scientific Committee

Margret Hoehe, Max-Planck-Institut für Molekulare Genetik, Berlin

Rolf Knippers, Institut für Genetik, Universität Konstanz

Siegfried Neumann, Office of Technology, Merck KGaA, Darmstadt

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Invited speakers included:

Rudi Balling, Braunschweig-Stoeckheim
Jaques Beckmann, Rehovot
Helmut Bloecker, Braunschweig-Stoeckheim
Peer Bork, Heidelberg
Jürgen Borlak, Hannover
Jochen Graw, Neuherberg
Ines Hellmann, Leipzig
Margret Hoehe, Berlin
Jörg Hoheisel, Heidelberg
Martin Hrabe de Angelis, Munich
Kenneth Kidd, New Haven

Christoph Klein, Munich
Doron Lancet, Rehovot
Hans Lehrach, Berlin
Klaus Lindpaintner, Basel
Alexander Olek, Berlin
Jürgen Ott, New York
Ivar Roots, Berlin
H. Hilger Ropers, Berlin
Manfred Schwab, Heidelberg
Raymond White, Salt Lake City, Fremont
Marie-Luise Yaspo, Berlin

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Conference Location:

Bauhaus Universität Weimar

Marienstrasse 13, 99425 Weimar/Thuringia, Germany September 25-27, 2002

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Sponsored by:

- Verein zur Förderung der Humangenomforschung e.V.
- Calbiochem-Novabiochem GmbH, Schwalbach
- The list of sponsors will be expanded

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Travel:

By Car

Weimar is conveniently located close to the highway system (Autobahn A9/A4) For more details: http://www.reiseplanung.de

Ry Train

Participants from continental Europe are advised to use the European/German railway system. Major trains from Frankfurt, Stuttgart and Hannover stop at the Weimar rail road station. Please check train-connections at: http://www.bahn.de

By Air

Closest airports are
Erfurt (to Weimar about 0:45 hours by train)
Leipzig (to Weimar about 2:15 hours by train)
Frankfurt/M (to Weimar about 2:45 hours by train)
Berlin (to Weimar about 3:00 hours by train)

Local

The conference will be held at the Bauhaus University, which is located close to the center of the city.

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Conference Secretary / Registration Office:

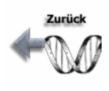
Weimar Conference of Genetics 2002 Pamela Bogner

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