



**J a h r e s t a g u n g d e r  
A G D 2 0 0 6**

**in  
Köln**

**am**

**22. und 23. September**

**zum  
Thema**

**Analysis, exploitation, and  
conservation of biodiversity**

**Annual Meeting 2006**

**of the German Association for**

**Gene Diagnostics**

**(AGD e.V.;**

**<http://www.agdev.de>)**

## **Friday, September 22**

**12:30 - 12:45 pm Welcome Address**

***Peter Nürnberg, President of the AGD***

**12:45 - 01:30 pm Opening Lecture**

**Evolution – the Driving Force of Biodiversity**

*Diethard Tautz, Institute for Genetics, University of Cologne*

**01:30 - 03:00 pm Session I – Human Diversity**

**Human Genetic History: Migrations and Genetic Adaptations (25 min)**

*Manfred Kayser, Department of Forensic Molecular Biology, Erasmus University Medical Centre Rotterdam, The Netherlands*

**Pharmacogenomics – Investigating Genetic Polymorphism Affecting Drug Response (25 min)**

*Leszek Wojnowski, Institute of Pharmacology, University of Mainz*

**Designing Drugs Considering the Genetic Diversity of Patients (25 min)**

*Thomas Bauknecht, Lilly Deutschland GmbH*

**03:00 - 03:45 pm Coffee Break and Industrial Exhibition**

**03:45 - 05:15 pm Session II – Animal Diversity**

**Behavioral Biology and Conservation Genetics: Using Science to Save Species (25 min)**

*Fred Bercovitch, Center for Reproduction of Endangered Species, San Diego, USA*

**Diversity and Origins of Domestic Horses (25 min)**

*Peter Forster, McDonald Institute for Archaeological Research, University of Cambridge, UK (will be held by Thomas Jensen, Certagen)*

**Targeted Manipulation of the Rodent Genome: Generation of Novel Animal Models (25 min)**

*Ben Davies, genOway GmbH, Hamburg*

**EUCOMM: The European Conditional Mouse Mutagenesis Program - Genome Wide Conditional Mutagenesis of ES Cells by Targeted Gene Trapping (15 min)**

*Andreas Hörlein, RZPD Deutsches Ressourcenzentrum für Genomforschung GmbH, Berlin*

**05:15 - 06:15 pm Keynote Lecture**

**Patents on God's Creation - To Whose Benefit?**

*Joseph Straus, Max-Planck-Institute for Intellectual Property, Competition and Tax Law, Munich*

**06:15 - 07:00 pm Snacks and Industrial Exhibition**

**07:00 - 08:00 pm Guided Walk through the Museum for East-Asian Art**

**08:00 - ... pm Social Evening in the „Beer garden” at the Aachener Weiher**

**Saturday, September 23**

**09:00 - 10:00 am Session III – Diversity of Plants**

**The Potato Connection: News and Views (30 min)**

*Heinz Saedler, Max Planck Institute for Plant Breeding Research, Cologne*

**High Throughput Polymorphism Discovery in Plants (30 min)**

*Arjen van Tunen, Keygene, Wageningen, The Netherlands*

**10:00 - 10:30 am Coffee Break and Industrial Exhibition**

**10:30 - 12:00 pm Session III – continued**

**Exploitation of Biodiversity in Plant Breeding (30 min)**

*Arndt Zacharias, KWS Saat AG, Einbeck*

**Analysis of Gene Regulation and Comparative Genomics in Plants  
Using Tiling arrays (30 min)**

*Martina Schad, RZPD, Berlin*

**Exploitation of Biodiversity of Mint Plants for the Production of  
Renewable Substances for the Chemical Industry (30 min)**

*Peter Welters, Phytowelt, Cologne*

**12:00 - 01:00 pm Lunchtime: Industrial Exhibition and Poster Viewing**

**Investigations on combined single cell, LCN and degraded DNA  
profiling by redundant on-chip Low-Volume PCR (LV-PCR) (30 min)**

*Carsten Proff, Institute of Legal Medicine, University Clinic Cologne*

**01:30 - 02:00 pm Poster Presentation**

**02:00 - 04:00 pm Session IV – White Biotechnology**

**Genetics, Ecology and Evolution of *Sinorhizobium meliloti*, a Soil  
Microorganism Fixing Nitrogen in Symbiosis with Alfalfa (30 min)**

*Alfred Pühler, Chair for Genetics, University of Bielefeld*

**Metagenomics Analysis of Complex Samples (30 min)**

*Stephan C. Schuster, Eberly College of Science, Pennsylvania State  
University*

**Artificial Biodiversity and Evolution for Tailoring Biologicals (30  
min)**

*Kristian Müller, Institute of Biology III, University of Freiburg*

**Synthetic Biology - Biodiversity in Perspective of Future  
Technological Progress (20 min)**

*Hubert Bernauer, ATG:biosynthetics GmbH, Merzhausen*

**Closing Remarks**

**04:00 pm End of Meeting**

# ARBEITSGEMEINSCHAFT FÜR GEN-DIAGNOSTIK E.V.

SITZ IN DÜSSELDORF  
GEGR. 1984  
DER VORSTAND



Prof. Dr. Peter Nürnberg, Cologne Center for Genomics (CCG), Universität zu Köln, Zülpicher Strasse 4  
50674 Köln – Germany, Tel: ++49 221 470 7821, Fax: ++49 221 470 1595

## Anmeldung zur AGD-Mitgliedschaft

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Name, Vorname, Titel

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Institut/ Firma

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Straße, Nr.

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PLZ / Ort

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Telefon

Fax

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Email

<b>Mitgliedsbeitrag:</b> 25,00€ pro Jahr
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Bankinstitut

BLZ

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Konto-Inhaber

Konto-Nr.

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Unterschrift

Hiermit bitte ich Sie widerruflich, die von der AGD e.V. für mich bei Ihnen eingehenden Lastschriften zu Lasten meines Girokontos einzulösen. Wenn mein Konto die erforderliche Deckung nicht aufweist, besteht keine Verpflichtung, die Lastschrift einzulösen. Für den Fall der Nichteinlösung durch mangelnde Kontodeckung verpflichte ich mich, der AGD e.V. die dadurch entstandenen Kosten zu erstatten.

Die Satzung der AGD erkenne ich mit meiner Unterschrift an.

Datum/ Unterschrift \_\_\_\_\_