

The Second *Aspergillus* Meeting

March 13-15, 2005

Asilomar Conference Center

**Organized by the
Aspergillus Genomes Research Policy Committee**

***Aspergillus* Genomes Research Policy Group (AGRPG)**

An *Aspergillus* Genomics workshop was held at the March 2003 Asilomar Fungal Genetics meeting. From discussion in that workshop it was obvious that our community needed to organize to fully exploit genomics resources. A provisional *Aspergillus* Genomes Research Policy Committee (AGRPC) was conscripted and charged with creating a structure for community-wide coordination and organizing an annual meeting. The First *Aspergillus* Meeting was held in Copenhagen, April 21, 2004, as a satellite meeting of the European Congress on Fungal Genetics-7. In addition to scientific presentations, bylaws were approved, community research directions were discussed and the 2004 AGRPC was elected. The name *Aspergillus* Genomes Research Policy Group was adopted for the community. The objectives of the AGRPG are: (1) Provision of an educational and discussion forum for issues pertaining to *Aspergillus* genomics, in its widest sense, for the various *Aspergillus* research communities; (2) Influencing grant making bodies and other institutions on behalf of the various *Aspergillus* research communities; (3) Coordinating research activities internationally, as and when required, to further the science base of the *Aspergillus* genus

2004 AGRPC:

Gerhard Braus (*A. nidulans*) 2004

Georg-August-University Goettingen, Germany; Email: gbraus@gwdg.de

Paul Dyer (*A. fumigatus*), 2004-06

University of Nottingham, UK; Email: Paul.Dyer@Nottingham.ac.uk

Michael Hynes (*A. nidulans*), 2004-06

University of Melbourne, Australia; Email: mjhynes@unimelb.edu.au

Masayuki Machida (*A. oryzae*), 2003-05

Nat'l Inst of Biosci and Human Tech, Japan; Email: m.machida@aist.go.jp

Michelle Momany, Chair (*A. nidulans* and *A. fumigatus*), 2003-05

University of Georgia, USA; Email: momany@plantbio.uga.edu

Cees van den Hondel (*A. niger* and *A. nidulans*), 2003-05

Leiden University, The Netherlands; Email: hondel@rulbim.leidenuniv.nl

Jiujiang Yu (*A. flavus*), 2003-04

USDA/ARS, Southern Regional Research Center, USA; Email: jiuyu@srrc.ars.usda.gov

David Denning, Past Chair (*A. fumigatus*), 2003

North Manchester Gen Hospital, UK; Email: ddenning@man.ac.uk

Ex Officio: Kevin McCluskey (Fungal Genetics Stock Center, USA)

THANKS TO OUR MEETING SPONSORS!!!!



Second *Aspergillus* Meeting Program

All sessions in Merrill Hall

March 13, Sunday

3:00-6:00 Registration

6:00 Dinner

7:00-9:00 Welcome Reception (sponsored by Gilead Sciences, Inc)

March 14, Monday

7:30-9:00 Breakfast

Session 1: New labs/ young investigators

Chair: Michelle Momany

9:00-9:15 Welcome, introductions and announcements

9:15-9:45 Evolutionary Processes in the Aflatoxin Gene Cluster in *Aspergillus*
Ignazio Carbone, North Carolina State University, USA

9:45-10:15 Analysis of the Regulatory MultiProtein Complex COP9 signalsome in *Aspergillus*
nidulans
Silke Busch, Georg-August University-Goettingen, Germany

10:15-10:45 Coffee Break (Sponsored by Monsanto)

10:45-11:15 A Mitochondrial Short-Chain Acyl-CoA Dehydrogenase from *Aspergillus*
nidulans
Lori Maggio-Hall, University of Wisconsin, USA

11:15-11:45 Two *Aspergillus nidulans* Developmental Mutants (SWOM1 and SWON1)
are Defective in Genes Involved in Synthesis of Cell Wall Components
Brian Shaw, Texas A&M University, USA

12:00-1:00 Lunch

Session 2: Genome updates

Chairs: Jiujiang Yu and Masayuki Machida

1:00 – 1:20 The six *Aspergillus* genomes and microarrays
William C. Nierman, TIGR, USA

1:20 – 1:30 The *A. flavus* genome
Gary Payne, North Carolina State University, USA

1:30 – 1:40 The DSM *A. niger* genome
Noel van Peij, DSM, The Netherlands

1:40 – 1:45 The DOE *A. niger* genome
Scott Baker, Pacific North West National Laboratory, USA

1:45 – 1:50 The *A. flavus* microarray
Jiujiang Yu, USDA/ARS, Southern Regional Research
Center, USA

1:50 – 1:55 The *A. oryzae* microarray
Masayuki Machida, National Institute of Advanced Industrial
Science and Technology (AIST), Japan

March 15, Tuesday

7:30-9:00 *Breakfast*

9:00-9:15 Elections--2 new AGRPC members

9:15-11:30 Session 4: Tools

Chair: Michael Hynes

9:15 -9:25 CADRE

M.J.Anderson, University of Manchester, UK

9:25 -9:35 TAP tagging

Özgür Bayram, Georg-August-University Goettingen, Germany

9:35 -9:45 S-tag

Steve Osmani, University of Ohio, USA

9:45-9:55 RNAi

Tom Hammond , University of Wisconsin, USA

9:55-10:05 NHEJ

Berl Oakley, University of Ohio, USA

10:05-10:15 Discussion of vectors/manipulations

10:15-10:35 Coffee Break (Sponsored by Monsanto)

10:35-10:50 Microarrays

H. Stanley Kim, TIGR, USA

10:50-11:00 Microarrays

Luisa Trindade, Wageningen University, The Netherlands

11:00-11:10 Discussion of microarrays

11:10-11:20 Proteomics

Ken Oda, National Research Institute of Brewing, Japan

11:20-11:30 Discussion of proteomics

11:30 Announce election results and take any further discussion

12:00-1:00 Lunch

1:00-3:00 Subgroup meetings, TBA

4:00 New AGRPC Meets - elect officers and get organized