



MMHCC Newsletter February 2004

MouseLine

Two NIH Consortia, both using mouse models to studying human diseases, are planning to work together on some mutual interests.

The [NCI Mouse Models of Human Cancers Consortium](#), or MMHCC, was launched in 1999 to mimic human cancers in genetically engineered mice. Over the past 4.5 years, the twenty groups in the MMHCC have developed numerous mouse models to understand the genetics of human cancers and to use these models in prevention studies as well as for preclinical trials. [NIEHS's Comparative Mouse Genomics Centers Consortium](#), or CMGCC, was established in 2001 to develop mouse models for the discovery of the functional significance of human DNA polymorphisms in environmentally responsive genes. The CMGCC research examines complex interactions between genes and the environment and determines how these interactions affect individual susceptibility to disease.



The two Consortia were initially related as several PIs are members of both. Interactions were furthered by attending each other's Steering Committee meetings; these interactions promoted rich exchanges of ideas, sharing of best practices, and planning for jointly-sponsored meetings.

In the spring 2004, members of both Consortia will attend an NCI-MMHCC sponsored Mouse Informatics Meeting along with participants from other organizations utilizing mouse models to study human cancers. The meeting's long term goal is to provide the user community with interconnected applications to support research using mouse models.

Meetings

March 24 - 26, 2004

11th Annual Genomic Drug Discovery Meeting

San Francisco, California

Meeting information: <http://www.chimolecularmed.com/04gdd.asp>

March 27 - 31, 2004

The AACR 95th Annual Meeting

Orlando, Florida

Meeting information: <http://www.aacr.org/2004AM/2004AM.asp>

March 27 - 31, 2004

Annual Conference of the Academy of Molecular Imaging (AMI)

Orlando, Florida

Meeting information: <http://www.ami-imaging.org/conference2004/index.htm>





April 17 - 21, 2004

American Association of Immunologists "Experimental Biology 2004"

Washington, D.C.

Meeting information: <http://www.faseb.org/meetings/eb2004/default.htm>

Funding Opportunities

Integrative Cancer Biology Programs

RFA-CA-04-013

National Cancer Institute (NCI)

<http://grants2.nih.gov/grants/guide/rfa-files/RFA-CA-04-013.html>

High Throughput Molecular Screening Assay Development

RFA-RM-04-012

National Institutes of Health (NIH)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-012.html>

Studies of Chemical Disposition in Mammals

RFP-NIH-ES-04-01, NOT-ES-04-002

National Institute of Environmental Health Sciences (NIEHS)

<http://grants.nih.gov/grants/guide/notice-files/NOT-ES-04-002.html>

Resequencing of Mouse Genome

NOT-ES-04-003, RFP NIH-ES-04-02

National Institute of Environmental Health Sciences (NIEHS)

<http://grants.nih.gov/grants/guide/notice-files/NOT-ES-04-003.html>

Murine Atlas of Genitourinary Development

RFA-DK-04-006 and PAR-04-042

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

<http://grants2.nih.gov/grants/guide/rfa-files/RFA-DK-04-006.html>

<http://grants2.nih.gov/grants/guide/pa-files/PAR-04-042.html>





Mouse Repository News

Newly accepted strains

The following strains have been accepted into the Repository and will soon become available for distribution. To register interest and/or order these strains, please follow the links:

1. Akt1, MPAKT (FVB-Tg(Pbsn-Akt1)9Wrts)
<http://mouse.ncicrf.gov/details.asp?ID=01XJ7>
2. PTEN (B6;129-*Pten*^{tm1Rps})
<http://mouse.ncicrf.gov/details.asp?ID=01XH3>
3. K-ras G12D (B6;129-*Kras2*^{tm4Tyj})
<http://mouse.ncicrf.gov/details.asp?ID=01XJ6>

Mouse Repository ~ Last Call



The following strains will be supplied as live breeder pairs until March 1, 2004. After this date, these strains will be repositied as cryopreserved material. If you foresee using one of these strains in the near future, please order now:

1. Msh3 knock-out (B6.129-*Msh3*^{tm1Rak})
http://mouse.ncicrf.gov/available_details.asp?ID=01XA3
2. SV11 (C57BL/6-Tg(TAg)11Bri)
http://mouse.ncicrf.gov/available_details.asp?ID=01XC5

