



MMHCC Newsletter August 2003

Meetings

August 16-18, 2003

2nd Annual Meeting of the Society for Molecular Imaging

Hyatt Regency San Francisco

Meeting information: <http://www.molecularimaging.org/>

August 17-27, 2003

Experimental Genetics of the Laboratory Mouse in Cancer Research

The Jackson Laboratory, Bar Harbor, Maine

Meeting information: <http://www.jax.org/courses/gradcourse>

September 14-21, 2003

2nd Annual Workshop on the "Pathology of Mouse Models for Human Disease"

Cornell Veterinary Medicine, Ithaca, New York

Meeting information: http://www.jax.org/courses/documents/path_mm_03_flyer.pdf

Mouse Repository News

Newly accepted strains

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

1. Arf-null (p19) (B6.129-*Cdkn2a*^{tm1Cjs})
<http://mouse.ncicrf.gov/details.asp?ID=01XG7>
2. Dmp1 null (B6;129-*Dmp*^{tm1Cjs})
<http://mouse.ncicrf.gov/details.asp?ID=01XH1>
3. LPV-TAg, T121 (B6;D2-Tg(LPV-TAg)121Vand)
<http://mouse.ncicrf.gov/details.asp?ID=01XG4>
4. MMTV/c-myc (FVB/N-Tg(MMTV-Myc)3Led)
<http://mouse.ncicrf.gov/details.asp?ID=01XG2>
5. Nkx3.1 null (FVB.129-*Nkx3-1*^{tm1Mms})
<http://mouse.ncicrf.gov/details.asp?ID=01XG1>
6. Nkx3.1 null (B6.129-*Nkx3-1*^{tm1Mms})
<http://mouse.ncicrf.gov/details.asp?ID=01XF9>



Funding

IMMUNE SYSTEM DEVELOPMENT AND THE GENESIS OF ASTHMA

(RFA-AI-03-041)

National Institute of Allergy and Infectious Diseases and National Heart, Lung, and Blood Institute

Deadlines:

Letter of Intent: October 21, 2003;

Application Receipt: November 21, 2003

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-03-041.html>

Bioinformatics

Cancer Models Database

<http://cancermodels.nci.nih.gov/>

New Features on the "Therapeutic Approaches" Search Page

The "Therapeutic Approaches" search page now contains additional information about compounds used to treat animal models - the function and NSC number of the compound. The page also lists clinical trials in which the compound is currently being used, if those data are available.

Please see these examples:

C3(1)/SV40Tag model: (<http://cancermodels.nci.nih.gov/mmhcc/searchResultsDetail.jsp?modelId=1463>)

MRP8-PMLRARA model: (<http://cancermodels.nci.nih.gov/mmhcc/searchResultsDetail.jsp?modelId=1675>)

Also, models used in pre-clinical trials can be easily found, using the new search feature on the advanced search page (<http://cancermodels.nci.nih.gov/mmhcc/search.jsp?advanced=>).

New Features on the "Targeted Modification" Search Page

The "Targeted Modification" search page in the Genetic Description section now contains additional information about deleted or mutated genes.

New Information may include:

- Sequence Information
- Database Links
- Biochemical Pathways
- Gene Ontology
- Libraries and Tissues (from EST Data)
- Protein Similarities (from UniGene)
- DAS Annotations

The use of the Animal Model object model made the implementation of the new features possible. The Rational Rose Object Model including class diagrams and use cases is available on the emice website. The Java API JAR file that allows access to MMHCC Cancer Models data and the documentation for the MMHCC objects can be downloaded: http://emice.nci.nih.gov/MMHCC/mmhcc_organization/members/bioinformatics

