

Community Participation in Genomic Databases

MDI Biological Laboratory

May 3 & 4, 2002

Conference Goal

To develop strategies for involving the scientific community with the ongoing development and curation of the Comparative Toxicogenomics Database.

Friday, May 3, 2002

5:00 pm Registration at Maren Conference Center

6:00 Reception – Dining Hall

6:30 Dinner

8:00 Maren Auditorium – Welcome

James L. Boyer, M.D., Director

Center for Membrane Toxicity Studies

Keynote Speaker

Ray Tennant, Ph.D., Director, The National Center for Toxicogenomics

Research Triangle Park, NC

The Role of Toxicogenomics in Environmental Health Research

Saturday, May 4, 2002

8:00 am Continental Breakfast

8:30 Welcome – John N. Forrest, Jr., M.D., Director, MDIBL

Session I

8:40 **John Stegeman, Ph.D.**
Woods Hole Oceanographic Institution
Toxicological Models: Marine vs. Mammal

9:10 **Joel Richardson, Ph.D.**
Mouse Genome Database (MGD)
Integrating Resources in Biological Databases

9:40 **Janan T. Eppig, Ph.D.**
Mouse Genome Database (MGD)
Community Interaction with Biological Databases

10:10 Break

10:30 **Monte Westerfield, Ph.D.**
Zebrafish Information Network (ZFIN)
Data Acquisition for the Zebrafish Information Network (ZFIN)

11:00 **Karen Christie, Ph.D.**
Saccharomyces Genome Database
Genomic Data Curation

11:30 **Michael Thomas, Ph.D.**
Bioinformatics Research Center, Medical College of Wisconsin
Gene Expression Analysis

12:00 pm Lunch

Session II

1:00	Glenn Colby MDIBL <i>Comparative Toxicogenomics Database: System Components</i>
1:30	Carolyn Mattingly, Ph.D. MDIBL <i>Comparative Toxicogenomics Database: Biological Features</i>
2:00	Workshops 1 and 2
3:00	Break
3:15	Workshops 3 and 4
4:15-5:00	Summary Presentations
5:00-5:45	Preparation of Reports
6:45	Meet at Maren Auditorium for transportation to dinner
7:00	Dinner – Lobster Bake

Topics for Break-Out Sessions

1. Fostering community participation
Moderators: Dr. Judith Blake, Dr. Seth Kullman
2. Matching community needs with the biological content in the database
Moderators: Dr. David Williams, Dr. Michael Carvan
3. Managing gene expression data (ESTs and Microarrays)
Moderators: Dr. David Towle, Pierre Bushel
4. Ideas for the next generation of the database
Moderators: Dr. Biff Forbush, Dr. David Hinton

Sunday, May 5, 2002

8:00 am	Continental Breakfast
8:30-9:30	Meeting of the MFBS center members