

Program for the 1st International Biocurator Meeting

December 8-11, 2005 Asilomar, CA

Thursday December 8, 2005

Platform presentations: Chapel Room.
Poster sessions: Kiln Room.

3:00-7:00 Arrival / Registration

6:00-7:00 Dinner

7:00-10:00 Reception

Friday December 9, 2005

7:30-8:30 Breakfast

8:45-9:00 Welcome & Introductions by Sue Rhee

9:00-10:00 **PLENARY SPEAKER**

Rolf Apweiler, EMBL-EBI

A short history of functional annotation of protein sequences

10:00-10:30 Break

10:30-12:00 **SESSION I (Chair: Maria Costanzo)**
Literature Collection and Curation

Ian Lewin - University of Cambridge

FlySlip: Language processing in support of FlyBase curation

Hans-Michael Muller - California Institute of Technology

Using Textpresso to accelerate literature curation

Joel Martin - NRC Institute for Information Technology

Rapid Text Mining Across Terabytes

12:00-1:00 Lunch

1:30-3:00 **SESSION II (Chair: Takashi Gojobori)**
Genome Sequence Annotation and Comparative Genomics

Takashi Gojobori - Japan Biological Information Research Center, National Institutes of Advanced Industrial Science and Technology (AIST), and Center for Information Biology and DNA Data Bank of Japan (DDBJ), National Institute of Genetics, Japan
New Developments of the Integrated Database of Human Genes: the H-Invitational Database

Jennifer Wortman - The Institute for Genomic Research

Leveraging comparative data to improve eukaryotic genome Annotation

Jennifer Harrow - The Wellcome Trust Sanger Institute
Future direction of vertebrate genome annotation

3:00-3:30 Break

3:30-5:00 **SESSION III (Chair: Simon Twigger):**
Literature Curation and Genome Sequence Annotation

Fiona McCarthy - Mississippi State University
AgBase: GOing down to the farm for functional annotation

Renate Kania - SDBV, EML Resarch gGmbH
SABIO-RK: a reaction kinetics database

Igor Grigoriev - US DOE Joint Genome Institute
Annotation of Eukaryotic Genomes at JGI

Sima Misra - University of California, Berkeley
The Apollo genome annotation browser and editor

5:00-5:30 **Minority Recruitment**

Lee Bitsoi - Director of Minority Training in Genomics /
Bioinformatics. FlyBase - Harvard University

5:30-6:00 **DISCUSSION (Moderated by Sima Misra):**
Open discussion on the day's topics

6:00-7:00 Dinner

7:30-10:00 **POSTER SESSION I** -Snacks/beverages will be provided.

Saturday December 10, 2005

7:30-8:30 Breakfast

9:00-10:00 **PLENARY SPEAKER:**

Russ Altman, Stanford University
PharmGKB: integrating genotypes and phenotypes for pharmacogenomics

10:00-10:30 Break

10:30-12:00 **SESSION IV (Chair: Win Hide):**
Ontology Development

Chris Mungall - University of California, Berkeley
Integrated Ontologies for Biological Annotation: The National Center for Biomedical Ontologies

Jonathan Bard - University of Edinburgh
Curating Anatomy

Monte Westerfield - University of Oregon
Ontologies and syntax to annotate phenotypes

12:00-1:00 Lunch

1:30-3:00 **SESSION V (Chair: Sean May):**
Functional Genomics Data Curation

Olga Troyanskaya - Princeton University
Data integration algorithms, gene function prediction

Elisabetta Manduchi - University of Pennsylvania
Expression-driven annotation using the GUS functional genomics database system

Peifen Zhang - Carnegie Institution
Curating Biochemical Pathways

3:00-3:30 Break

3:30-5:00 **SESSION VI (Chair: Sue Rhee):**
Ontology Development and Functional Genomics Curation

Adele Kruger - SANBI, University of the Western Cape
Development and implementation of a bridging ontology to allow for cross species gene expression analysis

Ken Fukuda - CBRC, AIST
INOH – pathway data and ontologies

Xianghong Jasmine Zhou - University of Southern California
Gene Aging Nexus: An integrated web data mining platform on aging.

Mads Hjorth - Copenhagen University
Mendelian Cytogenetic Network Database

- 5:00-6:00 **DISCUSSION (Moderated by Sima Misra)**
Open discussion on the day's topics
- 6:00-7:00 Dinner
- 7:30-10:00 **POSTER SESSION II** - Snacks/beverages will be provided.

Sunday December 11, 2005

- 7:30-8:30 Breakfast
- 9:00-10:00 **PLENARY SPEAKER:**
Mike Tyers, Samuel Lunenfeld Research Institute
Comprehensive curation and analysis of global interaction networks in Saccharomyces cerevisiae.
- 10:00-10:40 **SESSION VII (Chair: Doug Howe)**
Pathway and Molecular Interaction Databases
- Gopal Gopinathrao** - Cold Spring Harbor Labs
Reactome - a knowledgebase of biological pathways
- Chitta Baral** - Arizona State University
CBioC: Web-based Collaborative Curation of Molecular Interaction Data from Biomedical Literature
- 10:40-11:00 Break
- 11:00-12:00 **MEETING EVALUATION AND FUTURE PLANNING**
(moderated by Sue Rhee)
--All attendees are encouraged to attend--
- 12:00-1:00 Lunch
- 1:00-4:00 Wrap up session of organizing committee; draft white paper