

3rd International Biocuration Conference

April 16-19, 2009, Berlin, Germany

Final Program

Thursday, April 16, 2009

15:00-22:00	Arrival/Registration
18:00-18:15	Welcome Renate Kania
18:15-19:15	Plenary talk (Chair: Petra Fey) Janet Thornton - The EMBO Lecture "Data Curation in Biology - Past, Present and Future"
19:15-19:45	Society Inauguration Pascale Gaudet
19:45-22:00	Reception

Friday, April 17, 2009

08:30-09:30	Plenary talk (Chair: Winston Hide) Philip Bourne "Changes in Scholarly Communication and the Potential Impact on Biocuration"
09:30-11:00	Session: Literature Collection and Curation (Chairs: Simon Twigger, Sinead Boyce, Mary-Ann Tuli) <ul style="list-style-type: none">• Invited Speaker: Amos Bairoch "Future of annotation/biocuration"• Ulrike Wittig "SABIO-RK: Curated Kinetic Data of Biochemical Reactions"• Conrad Plake "Ontology-based Assisted Curation of Biomedical Data"• Jeff Christiansen "Images, Copyright and Biological Databases"• Kimberly Van Auken "Using Textpresso for Information Retrieval, Fact Extraction and Database Entry"
11:00-11:30	Break
11:30-13:00	Session: Genome Sequence Annotation and Comparative Genomics (Chairs: Jennifer Harrow, Linda Hannick) <ul style="list-style-type: none">• Daniel Haft "BrainGrab: Capturing curator expertise as reusable annotation rules"• Claudine Medigue "Microscope, a platform for microbial genome annotation and comparative genomics"• Alan Kuo "Challenges in whole-genome annotation of pyrosequenced fungal genomes"• Mark Thomas "Manual annotation of the mouse genome: HAVANA and EUCOMM"• Jon Teague "Cosmic, Curating Somatic Mutations in Human Cancer"
13:00-14:00	Lunch
14:00-18:00	Concurrent Workshops/Tutorials
18:00-19:00	Dinner
19:00-22:00	Poster session (even numbered posters will be presented)

Saturday, April 18, 2009

08:30-09:30	Plenary talk (Chair: Jennifer Harrow) Jim Ostell "Digital BioCuration: A Question of Balance"
09:30-11:00	Session: Standards, Controlled Vocabularies and Ontologies (Chairs: Owen White, David Hill) <ul style="list-style-type: none">• Invited Speaker: Dawn Field "The Genomic Standards Consortium: towards richer descriptions of the public collection of genomes and metagenomes"• Susanna-Assunta Sansone "Bioinvestigation index - standards and infrastructure"• Thomas Wächter "An ontology generation plugin for OBO-Edit"

- **Simon Twigger** "*1.5 Billion data points trapped in international data repository - daring rescue planned!*"
- 11:00-11:30 Break
- 11:30-13:00 Session: **Functional Genomics Data Curation**
(Chairs: David Hill, Sue Rhee)
- Invited Speaker: **Michael Cusick** "*Literature curation of protein interactions*"
 - **Andrew Winter** "*The BioGRID database of literature-curated protein and genetic interactions*"
 - **Pascale Gaudet** "*The reference genome project*"
 - **Patrick May** "*Filling the gaps in genome scale metabolic networks - an application to Chlamydomonas reinhardtii*"
 - **Shoshi Kikuchi** "*Transcription factor genes evolved in a different manner in animals and plants*"
- 13:00-14:00 Lunch
- 14:00-18:00 Free afternoon to explore Berlin
- 18:00-19:00 Dinner
- 19:00-22:00 Poster session (odd numbered posters will be presented)

Sunday, April 19, 2009

- 08:30-10:00 Session: **Supporting and Encouraging Community Curation and Deposition**
(Chairs: Matt Day, Marc Gillespie, Winston Hide, Oliver Hofmann)
- **Mary Schaeffer** "*The maize gene review - a new on-line journal promotes community curation of phenotypes*"
 - **Tanya Berardini** "*A Report from the Journal-MOD Collaboration Front: TAIR and Plant Physiology*"
 - **Jennifer Williams** "*Increasing Access to Bioinformatics Resources*"
 - **Lauren Brinkac** "*Expert Assertions through community Annotation Jamborees*"
- 10:00-10:15 Break
- 10:15-11:45
- **Gully Burns** "*Curating experiments and resulting data for disease foundation*"
 - **Igor Grigoriev** "*A Successful Scalable Model for Community Genome Annotation*"
 - Invited Speaker: **Chris Evelo** "*Community curation on WikiPathways; how we assist knowledge collection*"
 - Invited Speaker: **Chris Thorpe** "*All these things not entirely made by me*"
- 11:45-12:00 Round table discussion
- 12:00-12:30 Closing Remarks
- 13:00-14:00 Lunch