

SABIO-RK User Meeting

June 15-16, 2009
Heidelberg, Germany

Monday, June 15, 2009

- 09:00-09:15 Welcome (Andreas Reuter)
- 09:15-10:15 Introduction (Wolfgang Mueller, Isabel Rojas)
- 10:15-10:45 **Hanan Messiha** (University of Manchester, UK)
"The Kinetics Wizard: a Data Capture Tool for the Submission of Enzyme Kinetics Data"
- 10:45-11:15 Break
- 11:15-11:45 **Matthias König** (Humboldt-University Berlin, Germany)
"Towards a Kinetic Model of the Hepatocyte Core Metabolism"
- 11:45-13:00 Tutorial: *Data input in SABIO-RK*
(Andreas Weidemann, Martin Golebiewski, Heidrun Sauer-Danzwith)
 - Manual data input
 - Automatic data submission
- 13:00-14:00 Lunch
- 14:00-16:00 Tutorial: *Data curation and annotation in SABIO-RK*
(Renate Kania, Martin Golebiewski, Henriette Engelken)
 - Input interface
 - Ontologies, Controlled vocabularies, Annotations
 - Tools for data integration and curation
- 16:00-16:30 Break
- 16:30-16:50 **Paula de Matos** (European Bioinformatics Institute, UK)
*"A balanced view on the world - a biochemical reactions database.
(<http://www.ebi.ac.uk/rhea/>)"*
- 16:50-17:10 **Ismael Navas-Delgado** (University of Malaga, Spain)
"SBMM Assistant: A tool for Accessing an Ontology-Based Mediator"
- 17:10-17:30 **Ulf Liebal** (University of Rostock, Germany)
"Models of the general stress response using the SBToolbox2 - Can SYCAMORE substitute?"
- 19:00 Dinner in the Restaurant "Alte Brücke" in the old town of Heidelberg

Tuesday, June 16, 2009

- 09:00-09:30 **Ursula Kummer** (University of Heidelberg, Germany)
*"Sycamore - a data base assisted modeling tool
(interacting with SABIO-RK)"*
- 09:30-10:00 **Akira Funahashi** (Keio University, Japan)
"Integration of CellDesigner and SABIO-RK"
- 10:00-10:30 **Peter Li** (University of Manchester, UK)
*"Systematic integration of experimental data and models in systems
biology"*
- 10:30-11:00 Break
- 11:00-13:00 Tutorial: *Data access in SABIO-RK*
(Ulrike Wittig, Martin Golebiewski, Saqib Mir)
- User interface
- SBML export
- Web services
- 13:00-14:00 Lunch
- 14:00-15:00 Future directions/Discussion (Wolfgang Mueller, Isabel Rojas)