



International Workshop

Systems Biology of Infection

22nd-23rd September 2011, Jena, Germany

The Workshop will be the 9th in a series of annual International Workshops on Systems Biology held in Jena and organized by the Leibniz Institute for Natural Product Research and Infection Biology - Hans Knoell Institute Jena. In 2011, the Workshop will have its focus on data and knowledge based modelling and model-driven analysis of microbial infection processes.

Systems biology of infection, as in the Workshop's focus, aims to understand the interaction of the host, in particular the immune system of the human or animal, with components of in particular bacterial or fungal pathogens by integrative analysis of genome-wide and spatio-temporal data from both the host and the pathogen. In future, the host-pathogen interaction should be described by spatio-temporal modelling and by interacting molecular networks representing both the host and the pathogen. The aim is to computationally represent the main mechanisms of pathogenicity, to identify diagnostic biomarkers and potential drug targets and to explore novel strategies for personalized therapy.

Organization: The Workshop is organized by PD Dr Reinhard Guthke and Prof Dr Thilo Figge from the Systems Biology Groups of the Leibniz Institute for Natural Product Research and Infection Biology - Hans Knoell Institute (www.sysbio.hki-jena.de) together with BioControl Jena GmbH (www.biocontrol-jena.com). It is supported by the Jena Centre for Bioinformatics (www.jcb-jena.de) and the Jena School for Microbial Communication (www.jsmc.uni-jena.de).

Date and Location: The Workshop will take place on 22nd and 23rd September 2011 at the Technologie- und Innovationspark TIP Jena, Beutenberg Campus, Wildenbruchstr. 15, D-07745 Jena, Germany.

Fees: Participation in the Workshop is free for JCB and JSMC members as well as speakers. Others will have to pay a fee of EUR 125 (net plus 19 % German VAT).

Abstract Submission, Acceptance Confirmation, Registration, Further Information: If you would like to submit an abstract (1 page) for an oral presentation at the Workshop, please mail it to PD Dr R Guthke (reinhard.guthke@hki-jena.de) as soon as possible. Deadline is 30th June 2011. Acceptance will be confirmed by e-mail. Registration deadline is 9th September 2011. To register for the Workshop, please download, fill in and sign the form available from www.biocontrol-jena.com and return it by fax to ++49 (0) 3641 527832. There is a maximum of 50 participants. For updated information on the event and the programme of the Workshop, please refer to: www.biocontrol-jena.com