

Open 2-Day Symposium

Hasek's Lecture Hall of the Institute of Molecular Genetics, Prague

T-cell Activation & Technologies

March 25 - 26, 2010

Prague, Czech Republic

The symposium "T-cell Activation and Technologies" is organized under the training activities of EU-funded large integrated project in **FP7 Programme SYBILLA** (Systems biology of T-cell activation in health and disease). As the goal of SYBILLA is to understand the intracellular signalling network of T cells and many scientific collaboration links also lead to the **Institute of Molecular Genetics in Prague**, the symposium is hosted by Vaclav Horejsi, director of the Institute.

The SYBILLA project aims to understand, at the systems level and using a multidisciplinary approach, how T cells discriminate foreign- from self-peptides by activating quantitatively distinct signaling pathways. Therefore, SYBILLA develops new analytical and mathematical tools to generate and integrate high-density quantitative data describing T-cell activation. Proteomics, transcriptomics, imaging and biochemical techniques are applied to obtain holistic maps of the T-cell signaling network and to achieve a quantitative and dynamic understanding of the signaling networks and their regulation in response to different signal inputs.

The symposium is intended namely for PhD students, post-docs and young researchers, who are eager to know more about various cutting-edge technologies and approaches leading to great scientific achievements in research groups across Europe.

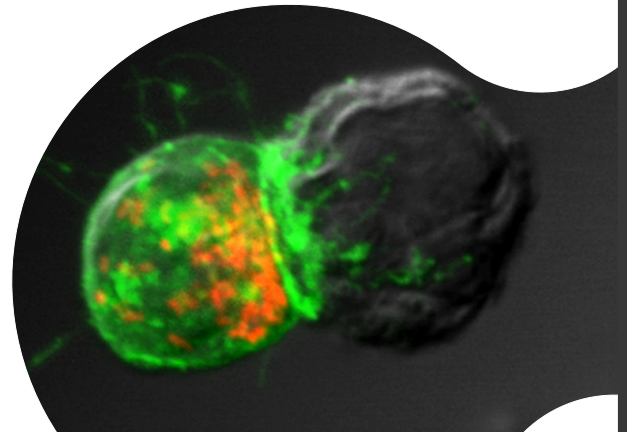
Participants must apply by registering at www.exbio.cz/events. Registration **deadline** is **March 5, 2010**.

Preference will be given to those who provide an abstract for a poster / short talk.

Submit abstract (max. A4 page) by e-mail together with your registration form to: seminar@exbio.cz.

You will be notified if you have been selected as participant as well as for a short talk / poster presentation.

Conference Fee is **50 EUR / 1300 CZK**, payable at the Registration desk. The fee includes refreshment, 2 lunches and entrance to the symposium social event.



Speakers:

Oreste Acuto

Sir Williams Dunn School of Pathology, Oxford

Balbino Alarcon

Centro Biologia Molecular, CSIC, Madrid

Gottfried Baier

Medical University of Innsbruck

Dirk Busch

Technical University Munich

Emmanuel Donnadieu

Institute Cochin INSERM-CNRS, Paris

Matthias Gstaiger

Institute for Molecular Systemsbiology, ETH-Zürich

Thomas Höfer

DKFZ, BioQuant, Heidelberg

Vaclav Horejsi

Institute of Molecular Genetics, Prague

Riitta Lahesmaa

Turku Centre for Biotechnology, University of Turku

Jonathan Lindquist

Otto-von-Guericke University, Magdeburg

Fridtjof Lund-Johansen

Inst. Immunology, University of Oslo

Bernard Malissen

Centre d'Immunologie INSERM-CNRS, Marseille-Luminy

Wolfgang Schamel

Max Planck Institute for Immunobiology, Freiburg

Hannes Stockinger

Medical University of Vienna

Antonella Viola

Fondazione Humanitas per la Ricerca, Milano

