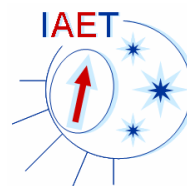


# PRAGUE INTERNATIONAL SYMPOSIUM ON ADVANCES IN BIOMEDICINE

1<sup>st</sup> Faculty of Medicine, Charles University, Academy of Sciences CR  
IKEM, IAET and EPFL (ETH Lausanne)



September 13, 2007  
IKEM Conference Center  
Václavská 1958/9, Prague 4



## PROGRAM:

- 9.00 – 9.30** Introduction:  
**Wilhelm J. ANSORGE**  
IAET and ETH Lausanne  
*"Genomes, Proteomes and Single Cell Analysis"*
- 9.30 – 10.10** **Mike TAUSSIG**  
Babraham Institute, Cambridge  
*"Novel Developments in Protein Arrays, Perspectives for Diagnostics"*
- 10.10 – 10.50** **Rolf GRUETTER**  
Centre of Biomedical Imaging, ETH Lausanne (EPFL)  
*"Biomedical imaging MRI in a multidisciplinary world:  
New insights into glutamatergic action and glucose sensing in the brain"*
- 10.50 – 10.45** Coffee break
- 10.10 – 11.50** **Vít HERYNEK**  
**IKEM, Prague**  
*"Specific Contrast Agents Based on SPIO Nanoparticles for Magnetic Resonance Imaging MRI"*
- 11.50 – 12.30** **Bruno DOMON**  
Institute for Molecular Systems Biology, ETH Zurich  
*"Mass Spectrometry and Systems Biology in Biomedical Applications"*
- 12.30 – 13.30** Lunch

**13.30 – 14.10 Roger BUMGARNER**

University of Washington, Seattle

*"Comparative Genomics and Gene Expression Analysis in the Oral Bacterium Actinobacillus by novel High Throughput DNA Sequencing Technique"*

**14.10 – 14.50 Anthony J. BROOKES**

Dept. of Genetics and Bioinformatics, University of Leicester

*"Structure and Importance of Short Range Copy Number Variations in Human Genome"*

**14.50 – 15.10 Coffee break**

**Proposals for New Science Centers in Czech Republic:**

**15.15 – 15.35 P. SEBO**

Institute of Molecular Genetics AS CR, Prague

*"BIOCEV project - Plans for a joint Biotech-Biomed Research Center of the Academy of Sciences and Charles University"*

**15.35 – 15.55 Stanislav KOZUBEK**

Institute of Biophysics AS CR, Brno

*"Plans and Prospects for the New Planned CETI Institute in Brno"*

**15.55 – 16.15 Tomas ZIMA**

Dean, 1<sup>st</sup> Faculty of Medicine, Charles University

*"Plans and Prospects for the New Planned Albertov University Center"*

**16.15 – 17.00 Discussion of Planned Centers**

V. Paces, V. Hampl, V. Viklicky, T. Zima, P. Sebo, S. Kozubek, and others

Attendance is free, but generally limited only by space constraints. Participants are asked, though, to sign up in advance at [ansorge@LF1.cuni.cz](mailto:ansorge@LF1.cuni.cz). More details at <http://www.LF1.cuni.cz>.

**ORGANIZERS:**

**W. Ansoerge** (ETH and IAET Lausanne), **T. Zima** (LF1 Charles University), **S.Kmoch**, (UDMP, LF1 Charles University), **V.Paces** and **V. Viklický** (Academy of Sciences CR)