

PRAGUE INTERNATIONAL SYMPOSIUM ON ADVANCES IN BIOMEDICINE

1st Faculty of Medicine, Charles University, Academy of Sciences CR, Prague
IKEM, IAET and EPFL (ETH Lausanne)



September 13, 2007
IKEM Conference Center
Videňská 1958/9, Praha 4



PROGRAM:

9.00 – 9.30

Wilhelm J. ANSORGE

IAET and ETH Lausanne

Introduction: *"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 – 11.10

Coffee break

11.10 – 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 - Plans for 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, 1st 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. 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)