SESSION 1

SESSION 1.1: 9:00 - 10:30

Chairperson: Kurt Wüthrich
1993 Louis-Jeantet prize-winner
The Scripps Research Institute, La Jolla
Institute of Molecular Biology and Biophysics, ETH, Zürich

Co-chairperson: Paul Guichard
Faculty of Science, University of Geneva

09:00 – 09:30 Richard Henderson
MRC Laboratory of Molecular Biology, Cambridge
Electron cryomicroscopy: theory and practice

09:30 – 10:00 Nenad Ban
Institute of Molecular Biology and Biophysics, ETH, Zürich
Protein synthesis: from ribosome assembly to targeting of membrane proteins

10:00 – 10:30 Ian Wilson
The Scripps Research Institute, La Jolla
Structure-assisted Design of Universal Vaccines and Therapeutics against Influenza Virus

10:30 – 11:00 Break

SESSION 2

SESSION 2.1: 13:45 – 15:15

Chairperson: Matthias Mann
2012 Louis-Jeantet prize-winner
Max-Planck Institute for Biochemistry, Munich
Novo Nordisk Foundation Center for Protein Research, Copenhagen

Co-chairperson: Denis Hochstrasser
Faculty of Medicine, University of Geneva

13:45 – 14:15 Chuna Choudhary
Novo Nordisk Foundation Center for Protein Research, Copenhagen
Mass spectrometry for cell signaling: from global maps to new biological insights

14:15 – 14:45 Martin Beck
EMBL, Heidelberg
Structural proteomics of the nuclear transport system

14:45 – 15:15 Emma Lundberg
KTH Royal Institute of Technology, Stockholm
Dissecting the spatiotemporal subcellular distribution of the human proteome

15:15 – 15:45 Break

SESSION 2.2: 15:45 – 17:15

15:45 – 16:15 Frédéric Allain
Institute of Molecular Biology and Biophysics, ETH, Zürich
Hybrid structural approaches to solve structures of protein-nucleic acid complexes

16:15 – 16:45 Ichio Shimada
University of Tokyo, Tokyo
Function-related Dynamics of Membrane Proteins

16:45 – 17:15 Kurt Wüthrich
The Scripps Research Institute, La Jolla
Institute of Molecular Biology and Biophysics, ETH, Zürich
NMR, Structural Dynamics and Signal Transfer of G protein-coupled Receptors (GPCRs)

17:15 – 17:25 Kurt Wüthrich and Matthias Mann
Concluding remarks

17:25 End of the Symposium