

## DAY 1 14 SEPTEMBER (In Memoriam: György Oláh)

- 9.00 am– 9.45 am      Opening ceremony, and Greetings:  
Péter Szalay - ELTE vice-rector  
László Lovász - President of the Hungarian Academy of Sciences  
József Pálinkás - President of the National Research, Development and Innovation Office  
György Matolcsy - Chair of Pallas Athene Domus Inovatis  
Livia Sarkadi - President of the Hungarian Chemical Society  
Introducing Molecular Frontiers – Bengt Nordén (Chair)
- 10.00 am– 11.00 am      Presentations:
- Protein Dynamics Seen by NMR - Kurt Wüthrich (*The Scripps Research Institute, La Jolla, CA, USA and ETH Zürich, Zürich, Switzerland*)
  - Simulating the action of Complex Biological Systems - Arieh Warshel (*University of Southern California*)
- 11.00 am– 11.30 noon      Coffee Break
- 11.30 noon– 1.00 pm      Presentations:
- De novo design of proteins - William F. DeGrado (*Dept. of Pharmaceutical Chemistry*)
  - Living with Oxygen - Harry B. Gray (*California Institute of Technology*)
  - Protein folding is basis of life and death - Pernilla Wittung Stafshede (*Division of Chemical Biology, Biology and Biological Engineering Department, Chalmers University of Technology*)
- 1.00 pm– 2.00 pm      Lunch
- 2.00 pm– 4.30 pm      Science quiz (get-together of students and invited speakers, team competition for students)
- 2.30 pm– 4.00 pm      Roundtable discussions (get-together of PhD students and invited speakers)
- 4.30 pm– 5.00 pm      Coffee Break
- 5.00 pm– 6.30 pm      The theater of electrons presents: The story of your time-travel (András Róka)
- 7.00 pm– 10.00 pm      Dinner (VIP)

## DAY 2 15 SEPTEMBER

- 9.00 am– 10.30 am      Presentations:
- Switches and Latches and the Control of Cell Division - Tim Hunt (*Okinawa Institute of Science and Technology Graduate University*)
  - Change of protein functions with and without the gene mutations - Reiko Kuroda (*Tokyo University of Science*)
  - Miracles of symbiosis - Kondorosi Éva (*Biological Research Centre Hungarian Academy of Science, Szeged*)
- 10.30 am– 11.30 am      Coffee Break – demonstration and evaluation of student posters
- 11.30 am– 12.30 pm      Presentations:
- Structural Basis for Activity of RyR1 Calcium Release Channels - Wayne A. Hendrickson (*Department of Biochemistry and Molecular Biophysics, Columbia University, New York*)
  - The Amyloid State of Proteins and its Significance in Biology and Medicine - Christopher M. Dobson (*University of Cambridge, Department of Chemistry*)
- 12.30 pm– 2.00 pm      Lunch
- 2.00 pm– 3.30 pm      Panel discussion
- 3.30 pm– 4.30 pm      Award ceremony, closing remarks