

Inauguration of Josef Dadok National NMR Centre, 23rd – 24th January 2013

23. 1. 2013: Official inauguration

13:00 – 14:00 Registration

14:00 – 19:00 big lecture hall, University Campus Bohunice, chairman: Jaroslav Koča

14:00 – 14:05 Jaroslav Koča, CEITEC Scientific Director for Life Sciences

14:05 – 14:10 Tomáš Hruša, Ministry of Education of the Czech Republic

14:10 – 14:15 Mikuláš Bek, Rector of Masaryk University

14:15 – 14:25 Markus Dettenhofer, CEITEC Executive director

14:25 – 14:35 Vladimír Sklenář, Coordinator of Structure Biology programme

14:35 – 14:50 David Stuart, Coordinator of Instruct
Integrated Structural Biology - the emerging role for major infrastructure centres

14:50 – 15:05 Claudio Luchinat, Coordinator of Bio-NMR
European NMR Infrastructures in Life Sciences: past, present and a view to the future

15:05 – 15:30 Josef Dadok
My 40 Years in NMR

15:30 – 19:00 Reception and guided tours to Josef Dadok National NMR Centre

24. 1. 2013: Scientific symposium

9:00 – 17:30 seminar room 132, building A11, chairman: Vladimír Sklenář

9:00 – 9:10 Gerd Wolf (Bruker Corporation)

9:10 – 9:40 Ad Bax (National Institutes of Health, Bethesda)
A NMR view of the role of viral fusion peptides

9:40 – 10:10 Juli Feigon (University of California Los Angeles)

The architecture of Tetrahymena telomerase

- 10:10 – 10:40 Christian Griesinger (Max Planck Institute for Biophysical Chemistry, Göttingen)
Dynamics of small and large molecules studied by NMR
- 10:40 – 11:10 Coffee break
- 11:10 – 11:40 Harald Schwalbe (Johan Wolfgang Goethe University, Frankfurt)
RNA regulation - new twists
- 11:40 – 12:10 Lucia Banci (University of Florence)
Integrated Structural Biology: the role of NMR for the atomic-level description of functional processes
- 12:10 – 12:40 Hartmut Oschkinat (Leibniz Institute for Molecular Pharmacology, Berlin)
An ABC transporter and small heat shock proteins by solid-state NMR
- 12:40 – 13:30 Lunch
- 13:30 – 14:00 Rolf Boelens (University of Utrecht)
Structure and dynamics in gene regulation and DNA repair
- 14:00 – 14:30 Janez Plavec (National Institute of Chemistry, Ljubljana)
G-quadruplexes and their unique features
- 14:30 – 15:00 Beat Meier (Swiss Federal Institute of Technology, Zürich)
NMR and the birth of fibril structural biology
- 15:00 – 15:30 Christina Redfield (University of Oxford)
Structure and Dynamics of the alpha-Lactalbumin Molten Globule
- 15:30 – 16:00 Coffee break
- 16:00 – 16:30 Ulrich Günter (University of Birmingham)
Deciphering Cancer Metabolism by Metabolic Flux Analysis
- 16:30 – 17:00 Göran Karlsson (University of Gothenburg)
Speeding up NMR spectroscopy
- 17:00 – 17:30 Torsten Herrmann (Rhône-Alpes Large Scale Facility for NMR, Lyon)
Database-driven modeling of protein structures
- 19:00 – 22:00 Gala dinner