

National Center for Biomolecular Research
NCBR Seminar – CA050 and CC060
FACULTY OF SCIENCE, MASARYK UNIVERSITY
Fall semestr 2010/2011
Teacher prof. RNDr. Vladimír Sklenář, DrSc.

Dates and time:

Group meetings - individual for each group, managed by group leaders, every week

Chemistry seminars - pavilion A11, room 132, 14.00

NCBR seminars room – A11, room 205, pavilion A11, 14.00

Mendel Lectures – Mendel's Museum, Mendel Square, 17.00

The seminar is open to all colleagues and students of Masaryk University.

23. September Group meetings only
30. September Group meetings only
5. October **17.00 Mendel Lecture**
Dr. Günter Blobel, 1999 Nobel Laureate in Physiology or Medicine
Rockefeller University, New York, USA
Housing and Providing Access to Mendel's Genes in the Nucleus
7. October **Chemistry seminar**
Dr. Jürgen Plitzko
MPI Biochemistry, Martinsried, Germany
Professor Peter Roesky
University of Karlsruhe, Karlsruhe, Germany
14. October **PhD. Students**
Crina Maria Ionescu
Fast Methods of Atomic Charge Calculation
Josef Pasulka
Conformational Entropy of RNA Mismatches Induced by a Protein Binding
21. October **Peter Lukavsky**
ETH Zürich, Switzerland
A'-form RNA helices drive microtubule-based mRNA transport in Drosophila.
- 17.00 Mendel Lecture**
Professor Michael N. Hall
Biozentrum, University of Basel, Switzerland
TOR signaling in growth and metabolism
4. November **Chemistry seminar**
Professor Ruben Abagyan,
University of California, San Diego, USA
Biophysical Principles of Molecular Action
- 17.00 Mendel Lecture**
Professor Iain Campbell, FRS
University of Oxford, UK
Cell migration and protein-protein interactions
11. November **PhD. Students**
Hana Černá
Cis/Trans isomerization - a new element in the CTD code
Katka Maliňáková
Solid-State NMR Parameters in the Study of Molecular and Crystal Structure

18. November **PhD. Students**
Jiří Nováček
Non-uniform sampling, high-dimensionality and carbon detection-based NMR methodology for studies of disordered proteins
Veronika Bačiková
Switching off RNAi
25. November **Dr. Václav Veverka**
University of Leicester, UK
NMR spectroscopy as a versatile tool in knowledge-based drug development: From small molecules to therapeutic antibodies
2. December **PhD. Students**
Petr Holub
About the TRAMP - structural and functional characterization of an RNA surveillance complex
Veronika Motáčková
 δ -subunit of RNA polymerase
9. December **Dr. Lukáš Trantírek**
Utrecht University, The Netherlands
16. December **PhD. Students**
Peter Kolesar
SUMO in DNA repair
Martin Babinský
NMR and Computational Study of Supramolecular Complexes

NCBR Seminars - update 16.9.2010

Josef Houser jaro 2011

Eva Dejmková jaro 2011