

National Center for Biomolecular Research
NCBR Seminar – CA050 and CC060
FACULTY OF SCIENCE, MASARYK UNIVERSITY
Spring semestr 2008/2009
Teacher prof. RNDr. Vladimír Sklenář, DrSc.

Dates and time:

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

Chemistry seminars - Aula, Kotlářská, 14.00

NCBR seminars room - A9-316, pavilion A9-Library, Campus Bohunice, 16.00 - 17.40.

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

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

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| 19. February | Group meetings |
| 26. February | Group meetings |
| 5. March | Chemistry seminar – Aula, 14.00
Prof. M. Strnad , <i>Univerzita Palackého, Olomouc</i>
Modulace buněčného cyklu syntetickými inhibitory cyklin-dependentních kinas |
| 12. March | Group meetings |
| 19. March | Profesor E. Paleček , <i>Biofyzikální ústav, AV ČR Brno</i>
Relations between structures and electrochemical responses of DNA and proteins |
| 26. March | 14.00 Habilitation lecture Dr. Radovan Fiala , NCBR MU, A3-117
NMR Spectroscopy of Nucleic Acids
17.00 Mendel's Lecture:
Professor Jonas Frisén , <i>Karolinska Institute, Stockholm, Sweden</i>
New neurons in old brains |
| 2. April | Chemistry seminar – Aula, 14.00
M. Farník
P. Slaviček |
| 9. April | PhD. Students
Jana Přecechtělová : ^{31}P Chemical Shift Anisotropy Tensors in $[\text{d}(\text{CGCGAATTCGCG})_2]$. A Combined MD/DFT Study
Dominika Hroššová
Jana Laláková |
| 16. April | PhD. Students
Melita Cavdarova
Peter Holub
Dmytro Ustjanenko |
| 23. April | Group meetings
17.00 Mendel's Lecture:
Professor Iain Campbell , <i>Oxford University, UK</i>
Cell migration and protein interaction networks |
| 30. April | Group meetings |

7. May **Chemistry seminar – Aula, 14.00**
R.S.Givens
17.00 Mendel's Lecture:
Dr Venki Ramakrishnan, *MRC Laboratory of Molecular Biology, Cambridge, UK*
What structures of the ribosome have revealed about its central role in translating genetic information
14. May 17.00 Mendel's Lecture:
Professor Frances Ashcroft, *University of Oxford, UK*
Neonatal diabetes: from ion channel to disease
21. May 17.00 Mendel's Lecture:
Professor Walter Keller, *University of Basel, Switzerland*
3' end processing of messenger RNA precursors and RNA quality control