



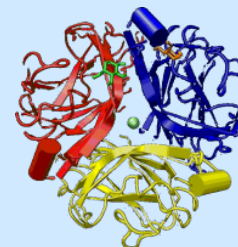
National Centre for Biomolecular Research  
Faculty of Science, Masaryk University

offers an opportunity to attend

## Two weeks of LIFE SCIENCE life

30 October – 13 November 2009

Brno, Czech Republic



consisting of four meetings, which can be attended separately

October  
30

### RNA Club

The meeting will focus on regulation of gene expression, RNA degradation and quality control, noncoding RNAs, RNAi, pre-mRNA splicing, structure and molecular dynamics of RNA and much more. Confirmed invited speakers:

**Andre Gerber** (ETH Zurich, Switzerland): *Post-transcriptional gene regulatory networks*  
**Gernot Längst** (Universität Regensburg, Germany): *Chromatin remodeling and gene expression*

November  
2 - 6

### PhD Course Biomolecular Interactions by Experimental Methods

The course will focus on different aspects and advanced methods to study biomolecular interactions. The course lectures and exercises will be given by:

**W. Bruce Turnbull** (University of Leeds, Leeds, U.K.): *Main topics ITC, DSC, thermodynamics*  
**Hugues Lortat-Jacob** (Institut. of Struct. Biology, Grenoble, France): *Main topics SPR, SPR imaging*

The Ph.D. course is organized within POSTBIOMIN project of the 7th Framework programme for research and development.



November  
4, 5

### Workshop, Lectures Biomolecular Interactions by Experimental Methods

A series of lectures will be given by excellent European scientists, among others:

**Ten Feizi** (Imperial College London, U.K.), **Ute Krengel** (University of Oslo, Norway), **Hakon Leffner** (Lund University, Sweden), **Hugues Lortat-Jacob** (Institut. of Struct. Biology, Grenoble, France), **Roberto Raiteri** (University of Genova, Italy), **Michel O. Steinmetz** (Paul Scherrer Institut., Viligen, Sweden), **W. Bruce Turnbull** (University of Leeds, Leeds, U.K.)

The workshop is organized within POSTBIOMIN project of the 7th Framework programme for research and development.



November  
10 - 13

### PhD Course Bioinformatics and Systems Biology

The course will focus on protein and DNA sequence comparison and alignment, sequence database search, protein structure prediction and analysis, metabolic pathways and metabolic control, computational tools for systems biology.

Tutored by **Vladimir Likić** (University of Melbourne, Australia)

The course is organized within Innovation Lectures (INNOLEC) project supported by the Ministry of Education, Youth and Sport of the Czech Republic.

[www.ncbr.chemi.muni.cz/interactions09](http://www.ncbr.chemi.muni.cz/interactions09)