

# For 2<sup>nd</sup> – 6<sup>th</sup> year students

**Institute of Biology and Medical Genetics, First Faculty of Medicine  
Charles University and General University Hospital in Prague**

opens in the academic year 2018/2019 as a compulsory eligible subject:

## **Current Methods in Cell Biology**

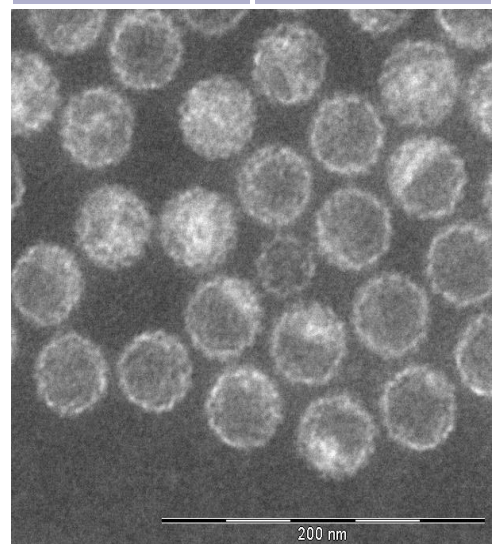
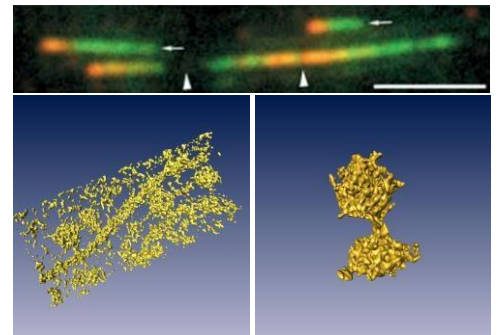
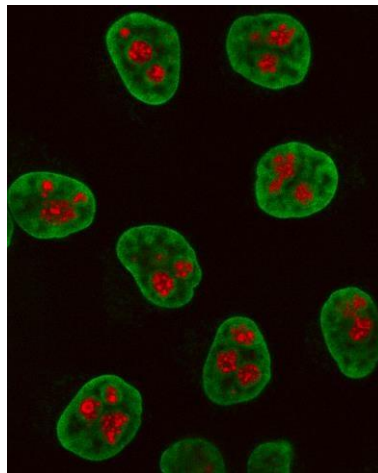
(one week practical course, code B81289)

**February 11 - 15, 2019**

The course is intended for the foreign as well as Czech students.  
The maximum number of students is 20.

**Our practical course includes basic methods of cell biology with special emphasis on microscopic techniques:**

- Cultivation of cells
- Fluorescent microscopy
- Confocal microscopy
- Immunocytochemistry
- *In situ* hybridization
- Mammalian cell transfection and GFP technology
- Mitotic spread preparation
- Microinjection
- Electron microscopy
- Corellation microscopy
- Nanoparticles
- Molecular biology and biochemical methods (isolation of RNA, restriction analysis, PCR amplification)



**Interested in what you see here? Join the course!**

Send your questions to: [dusan.cmarko@lf1.cuni.cz](mailto:dusan.cmarko@lf1.cuni.cz)

For further information please visit our webpage: <http://ublg.lf1.cuni.cz/vyukovy-rozcestnik>