



MASARYK  
UNIVERSITY



Central European Institute of Technology  
BRNO | CZECH REPUBLIC

# Summer School on New Approaches in experimental Biology and Omics

## Join us in June!

**CEITEC MU, University Campus Bohunice**

Kamenice 5, Brno, Czech Republic

## June 12–16, 2017

Summer school is dedicated to PhD and Master degree students of biological sciences who are interested in modern approaches of experimental research and practical applications of recent findings in the field of genome and proteome research. The lectures from leading experts will cover theoretical background and principles that are applied in genome manipulation and maintenance. Additionally, attendees will learn practically the most common methods of gene and protein analyses.

### LECTURES WILL COVER:

- Genome editing
- Genomic data analysis
- Proteomic analysis
- Proteomic data processing
- Practical examples of experimental proteomics
- Protein-DNA interaction analyses

### ATTENDEES WILL LEARN:

- CRISPR/Cas9 editing design
- Genomic Data analysis
- MALDI MS profiling (bacterial identification by MS analysis)
- Fluorescence labeling and characterization of biomolecules
- Quantitative analysis of protein-DNA interactions

Deadline for your application: 30 April 2017.  
For practical sessions, 12 participants will be selected based on a motivation letter by 16 May 2017.

**REGISTER HERE.**

[www.ceitec.eu](http://www.ceitec.eu)



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