

Dear Colleagues,

the Institute of Molecular Genetics CAS and the Czechoslovak Microscopy Society would like to invite you to the 5-day course "**Processing and analysis of microscopic images in Biomedicine**" intended for PhD students and junior researchers. The course will be held at the Institute of Molecular Genetics CAS in Prague in June 6 -10, 2016.

The course covers the basics in image data acquisition, processing and analysis including modern methods of stereology. Apart from a theoretical background, the emphasis is put on practical experience, the participants will learn how to use free software package **Fiji** for basic or more advanced analyses, how to analyse co-localizations, data from FRAP, electron microscopy data, how to do volume reconstruction from partial microscopy data, how to track particles in images or segment objects in images. They will learn how to improve acquired data by deconvolution in Huygens software as well.

The course follows the [Microscopy methods in biomedicine](#), the previous attendance of this course, however, is not necessary.

For more information and link to the registration forms please visit the course website (<http://microscopytraining.eu/imageprocess/>).

The course will be taught in English.

On behalf of the organizers,
Michaela Bažíková and Martin Čapek
