

RNDr. Radek Macháň, Ph. D. – CV

Born: 1982 in Liberec, Czech Republic

Education:

2001 – 2006: Charles University in Prague, Faculty of Mathematics and Physics. Mgr. (MSc.) in Physics, specialization: Biophysics and Chemical Physics
Master thesis: *Comprehensive characterization of cellular suspensions by the means of elastic scattering of light*. Supervisor: prof. RNDr. Josef Štěpánek, CSc., defended: 15/05/2006.

2006 – 2012: Charles University in Prague, Faculty of Mathematics and Physics.
postgradual study of Physics, specialization Biophysics, Macromolecular and Chemical Physics.
PhD thesis: *Supported phospholipid bilayers and their interactions with proteins studied by ellipsometry, atomic force microscopy and confocal fluorescence microscopy*. Adviser: prof. Martin Hof, DSc. J. Heyrovský Institute of Physical Chemistry of AS CR, v.v.i., defended 07/03/2012.

Praxis:

since 01/09/2006: J. Heyrovský Institute of Physical Chemistry of AS CR, v.v.i.,
Department of Biophysical Chemistry.

since 01/12/2009: Czech Technical University in Prague, Faculty of Biomedical Engineering.
courses taught: *Fluorescence Spectroscopy and Microscopy in Biology and Medicine*.