

**Doc. Ing. LUCY VOJTOVÁ, Ph.D.**  
(Assoc. Prof. LUCY VOJTOVÁ)

ORCID ID: 0000-0001-5281-7045  
Researcher ID: D-7762-2012  
Nationality: Czech  
Work address: Central European Institute of Technology  
Brno University of Technology  
Purkyňova 656/123, 612 00 Brno,  
E-mail: [lucy.vojtova@ceitec.vutbr.cz](mailto:lucy.vojtova@ceitec.vutbr.cz)  
Tel: +420 541 149 832, GSM: +420 604 937 190  
[www.vutbr.cz/lide/lucy-vojtova-3885](http://www.vutbr.cz/lide/lucy-vojtova-3885), [www.ceitec.cz](http://www.ceitec.cz)

**BIOSKETCH**

Assoc. Prof. Lucy Vojtová is currently a Group leader of the **Advanced biomaterials group** <https://biomaterials.ceitec.cz/> at the Central European Institute of Technology, Brno University of Technology (BUT), Czech Republic. Assoc. Prof. (2015) and Ph.D. (2000) she obtained at BUT in the Macromolecular chemistry specialization field. In the period of 1999-2002, she completed a post-doctoral position at the Department of Chemical Engineering and Applied Chemistry, Columbia University in the City of New York, USA where she participated in projects supported by the US NSF and NIH. After returning back to the Czech Republic in 2002, she started working as a researcher at the Faculty of Chemistry, the Institute of Materials Chemistry. Since August 2011, she has also been a researcher at the Central European Institute of Technology leading and participating in numerous national and international projects. She is a specialist in the advanced synthesis, characterization, and additive manufacturing (3D/4D bioprinting) of novel “smart” high-performance stimuli-responsive polymers, and composites with controlled life-time enabling the release of bioactive substances. Her group is focused on structure-property relationship evaluation, bioactive molecules and nanoparticle encapsulation, and preparation of cell or drug carriers based on natural or synthetic polymers and composites for regenerative medicine and tissue engineering. In-vitro and in-vivo evaluations are provided under wide collaboration with noticeable universities, research institutes, and industrial partners.