



## Ing. Michal Jakl, Ph.D.

<https://home.czu.cz/en/jakl/>

+420 224 382 743



m.jakl@chemist.com

jakl@af.czu.cz

ORCID: 0000-0002-3072-1226



### Education and qualifications

2007 – 2011 **Ph.D.** in General Crop Production, Faculty of Agrobiology, Food and Natural Resources, Czech University of Life Sciences Prague, supervisor Prof. J. Száková (*The Influence of Plant Exudates on Heavy Metals Mobility in Soil*), 27.10.2011 Ph.D. defense

2001 – 2007 **Ing.** in General Crop Production, Faculty of Agrobiology, Food and Natural Resources, Czech University of Life Sciences Prague, supervisor Prof. P. Tlustoš (*The Investigation of Heavy Metals Mobility in the Presence of Organic Acids*)

### Work experience

Since 2012 **Assistant professor**, Dept. of Agro-Environmental Chemistry and Plant Nutrition, Faculty of Agrobiology, Food and Natural Resources, Czech University of Life Sciences Prague

2019 – 2020 **Scientist**, Electromigration Methods (Václav Kašička Group), Institute of Organic Chemistry and Biochemistry, Czech Academy of Sciences

2001 – 2012 **Academic technician**, Dept. of Agro-Environmental Chemistry and Plant Nutrition, Faculty of Agrobiology, Food and Natural Resources, Czech University of Life Sciences Prague

1995 – 1996 **Process control analyst – psychotropic substances**, RI of Antibiotics and Biotransformations (VUAB Pharma a.s. – ICN Czech Republic)

### Fellowships

09/2018 Dept. of Agricultural Sciences, Faculty of Agriculture and Forestry, Univ. of Helsinki, Finland

01-06/2009 Faculty of Agriculture and Forestry, University of Helsinki, Finland  
Finnish Forest Research Institute (METLA), Finland

### Memberships

Since 2019 Czech Chemical Society

Since 2011 Czech Society for Mass Spectrometry

### Certified courses

**Possibilities of Innovation in Electroanalytical Chemistry.** 11.-15.9.2006. Prague Centre for Innovations in Analytical Chemistry. Prague, CR.

**School of Mass Spectrometry.** 16.-20.9.2013. I. M. Marci Spectroscopic Society, IOCB CAS. Jeseník, CR.

**Sensors.** 4.-8.6.2007. Prague Centre for Innovations in Analytical Chemistry. Prague, CR.

### Publications

Author or co-author of more than 40 papers in international peer-reviewed journals, with 292 (148 without self-) citations (WoS), h-index 10 (WoS); dozens of contributions to international symposia, 1 patent.