PALACKÝ UNIVERSITY OLOMOUC, CENTRE OF THE REGION HANÁ, Department of Cell Biology

Junior researcher/ post-doc

Contact: Prof. Jozef Šamaj (jozef.samaj@upol.cz)

- Ph.D. in molecular biology, microbiology, biochemistry, plant cell biology or related field of study
- practical knowledge in molecular biology, microbiology, plant sciences, biochemistry is required
- practical experience including but not limited to: molecular cloning, plant and microbe transformation, gene expression, Western blots, phenotyping, (phospho)proteomics, molecular plant-microbe interactions, live cell microscopy using advanced systems
- appropriate publication activities in international journals
- active command of English
- international experience

Project aims to study barley or alfalfa interactions with microbes (Fusarium, Bacillus, Pseudomonas or Sinorhizobium). Focus on plant cytoskeleton and mitogen-activated protein kinases using light-sheet and super-resolution microscopy combined with (phospho)proteomics.

Place of work: CR Hana, Department of Cell Biology, Faculty of Science, Palacky University in Olomouc, Slechtitelu 27, 78371 Olomouc, Czech Republic
http://cr-hana.upol.cz/cellbiol/
@Samaj_lab (Twitter)

Contract: full time job, 40h/ week
Duration: until 31.10.2022
Start: from 1.1.2019
Applications closed: 15.10.2018 (or until suitable candidate will be selected)