



Fully funded PhD position in Plant Cell Biology

The **Institute of Experimental Botany, Czech Academy of Sciences** – (IEB, www.ueb.cas.cz) conducts basic and applied research in plant biology, namely in plant genetics, physiology and biotechnology. The **Laboratory of Pollen Biology** (www.pollenbiology.cz) investigates plant reproductive development, sexual plant reproduction and male-female communication.

Starting date: the position is open from 1.1.2019

The position is open for four years and includes a fully funded employment in the Institute of Experimental Botany and a PhD stipend at the Charles University in Prague.

Main topics of the PhD project may include the regulation of pollen development and pollen tube growth, in particular the cell-cell communication in reproductive tissues, pollen developmental transcriptomics and proteomics, and live cell imaging of fertilization events.

The successful candidate will work within the framework of a CSF-funded collaborative research projects on the control of progamic phase of male gametophyte (pollen tube growth), male-female crosstalk and pollen tube guidance.

Requested qualification: MSc (or equivalent degree) in natural sciences/life sciences (Plant Biology, Biochemistry, Microbiology, or Molecular Biology). Good knowledge in standard techniques of plant biology, cell biology, biochemistry and molecular biology is expected. We would welcome a highly motivated student with excellent communications skills and the ability to work on an interdisciplinary project.

We offer a challenging collaborative project in a highly motivated international team, state-of-the-art infrastructure, and stimulating work opportunities in a dynamic research institute with high reputation. We offer remuneration in accordance with the collective wage agreement for the Public Service of the Czech Republic in addition to all the customary benefits granted to employees working in Public Services. The successful candidate will be hosted in the Pollen Biology Lab (Assoc. Prof. David Honys).

Further information: Assoc Prof. David Honys | +420 776 352 433 | david@ueb.cas.cz | www.pollenbiology.cz

Complete applications in English or Czech should include a single pdf containing a letter of interest, CV, a complete list of publications, brief summary of previous accomplishments, and a list of potential references. Please send the applications to david@ueb.cas.cz.

Deadline for submission: 27th November, 2018.