



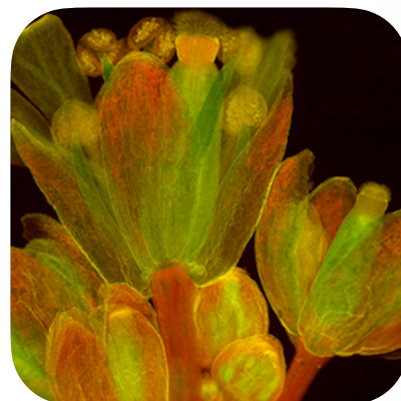
PhD position in plant reproduction

How plants protect reproduction from heat stress; from models to crops

4-year funded PhD position in Pollen Biology Lab at the Institute of Experimental Botany, Czech Academy of Sciences and Charles University in Prague

Project aim

... is to investigate adaptive **gene regulatory mechanisms** underlying **reproductive thermotolerance** and to compare these mechanisms between *Arabidopsis thaliana* and selected **crop species** (e.g. barley, tomato). The project will focus on regulatory modules that maintain reproductive fitness under heat stress and will seek to distinguish conserved regulatory principles from species-specific adaptations.



What we offer

- work on a **competitive project** in a young, international and **inspiring team**.
- funding by Czech Science Foundation (**GACR**), **TANGENC** Operational Program, and association with **RECROP** EU-COST Action.
- **Ph.D student salary** (University scholarship and a grant contract at the Institute), social and health insurance and additional benefits

Who we are looking for

- highly **motivated** independent **individuals**, team players interested in **plant reproductive biology**.
- candidate should hold **MSc./Mgr./Ing.** or equivalent degree with a background in plant biology.
- experience with **molecular and cell biology**, **microscopy** and **bioinformatics** is an asset.
- Detailed **project description** is available **here** (also via the QR code below)
- **For application**, please fill the **online form**: <https://forms.gle/zxDLQjYW149rYd356>

Applications will be accepted until the position is filled, max. March 31, 2026

Contact

prof. RNDr. David Honys, Ph.D.
Institute of Experimental Botany of
the Czech Academy of Sciences

E-mail: honys@ueb.cas.cz
Web: www.pollenbiology.cz

Project details:



Application form:

