

PhD position in plant reproduction research

Pollen thermotolerance and plant reproduction fitness

4-year funded PhD position in Pollen Biology Lab at the Institute of Experimental Botany of the Czech Academy of Sciences

Project

We study **plant reproduction**, namely the **regulatory mechanisms** affecting **pollen development and function**. The aim is to investigate in detail the regulation of the male gametophyte fitness and **reproductive competence under** suboptimal temperature conditions and its link to existing **heat-stress** response regulatory pathways that have been evolutionarily integrated into the standard pollen development.



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.
- **Please submit your CV, motivation, research experience and contact.**

Applications will be accepted until the position is filled, max. March 31, 2024



recrop

Contact

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