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.

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.

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

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