



PhD positions in plant developmental biology

The Department of Plant & Environmental Sciences, Faculty of Science at University of Copenhagen is offering PhD positions in plant developmental biology commencing November 1st 2020 or as soon as possible thereafter.

Description of the scientific environment

The laboratory of Stephan Wenkel at the University of Copenhagen, Denmark investigates the function of microProteins in model and crop plants (https://plen.ku.dk/english/research/plant_biochemistry/plant-development/) and is part of the Copenhagen Plant Science Centre (www.cpsc.ku.dk). The Department and CPSC offer a scientifically stimulating and international research environment with state-of-the-art facilities.

Project description

We are recruiting two PhD students to work on three-year projects aimed at manipulating plant development using microProtein engineering. MicroProteins are small single-domain proteins that have been shown to control diverse biological pathways. In the projects we will employ genome-engineering approaches in tomato and Arabidopsis plants to modulate microProtein expression and activity.

The positions are funded by a Novo Nordisk Investigator grant for research leaders and the Independent Research Fund Denmark. We are looking for highly motivated individuals with an MSc in biology or related disciplines. The ideal applicant has experience in working with plants and thrives in an international working environment. Knowledge in genome-engineering and/or protein biochemistry is a plus.

Principal supervisor is Associate Professor Stephan Wenkel (e-mail: wenkel@plen.ku.dk). Informal inquiries by e-mail are welcome.

More information about the positions can be found online (web portal, link below).

Applications can only be submitted through the web portal of the University of Copenhagen: <https://jobportal.ku.dk/alle-opslag/?show=152355>

Deadline: September 15, 2020

DR. STEPHAN WENKEL
ASSOCIATE PROFESSOR

THORVALDSENSVEJ 40,
DK-1871 FREDERIKSBERG C
DENMARK

wenkel@plen.ku.dk

WEB: cpsc.ku.dk