PhD position (m/f) in Plant Molecular Biology:

Deciphering molecular mechanisms that control plant embryo development under stress

A DFG-funded PhD position (payment according to TV-L) is available at the Julius-von-Sachs-Institute for Plant Sciences / Biocenter, University of Würzburg. We are offering this position to an enthusiastic and talented student, who is interested to initiate research on the analysis of Arabidopsis transcription factors in plant embryogenesis.

The project aims to unravel central molecular players that control plant embryo development under detrimental environmental conditions to support research on stress resistant crops. The topic will be experimentally addressed by applying a broad range of methods including molecular biology methods (such as CRISPR/Cas9 mediated genome editing, RNAseq and ChiPseq), high resolution confocal laser scanning microscopy (LSM) and computational network analyses.

The Julius-von-Sachs Institute for Plant Sciences offers an excellent, multi-disciplinary research environment applying state-of-the-art techniques in plant physiology, molecular biology, biophysics, metabolomics and eco-physiology. Moreover, the successful candidate will benefit from soft skill courses due to participation in the Graduate School of Life Sciences (GSLS) Würzburg.

Required is a diploma or masters degree in molecular biology, genetics, biochemistry or related areas and very good communication skills in English. Experiences in plant molecular biology are mandatory.

For further information contact Dr. Christoph Weiste, Julius-Maximilians-Universität Würzburg, Julius-von-Sachs-Institut, Pharmazeutische Biologie, Julius-von-Sachs-Platz 2, D-97082 Würzburg, Germany. phone: 0049 (0)931-31-82455, email: christoph.weiste@uni-wuerzburg.de or visit our web page: https://www.biozentrum.uni-wuerzburg.de/pbio/startseite/.


The policy of the University of Würzburg is to create equal opportunities for women and men. In order to achieve this target, applications from suitably qualified women are particularly welcome. Preference will be given to handicapped applicants with equal qualifications. Please, submit your complete application (as a single PDF) including names of suitable references to: christoph.weiste@uni-wuerzburg.de. Review of applications will begin August 1st, 2018 until the position is filled.