

At the Julius-von-Sachs Institute for Biosciences at the University of Würzburg, a

## PhD position in Pharmaceutical Biology

funded by the DFG, is available at the earliest possible date.

This position is aimed at motivated persons who are interested in studying plant stress responses. The salary is in accordance with the TV-L. The position will be part time (65%) and fixed for three years.

Based on our previous work (Reichert et al., 2023; Plant, Cell & Environment) the project aims to investigate the relationship between trehalose 6-phosphate, starch and energy metabolism, and heat resistance in the model plant *Arabidopsis thaliana*. You will have access to a broad spectrum of methods, including analytical (LC-MS), molecular biological (qRT-PCR, RNA-Seq, CRISPR/Cas9), and plant physiological techniques. Furthermore, the successful candidate may benefit from the course offerings and networking opportunities of the Graduate School of Life Sciences at the University of Würzburg.

A very good master's degree in biology or a related subject, as well as very good English skills (spoken and written), are required. Prior experience working with *Arabidopsis thaliana*, with molecular biological methods, or the analysis of large datasets using statistical methods is desirable but not mandatory.

Please submit your electronic application (compiled into a single PDF file) including a cover letter, CV, certificates, and, if applicable, a list of publications, as well as the name of a suitable referee, to [daniel.maag@uni-wuerzburg.de](mailto:daniel.maag@uni-wuerzburg.de). The **closing date** for application is **14.02.2025**.

For further information, please contact:

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The JMU aims to reduce the underrepresentation of women and therefore explicitly encourages qualified women to apply. Severely handicapped applicants will be given preferential consideration in the case of broadly equal suitability, ability and professional achievements.

Please send copies of documents only. For cost reasons, application documents cannot be returned. Documents will be destroyed as soon as the selection procedure has been completed. If you enclose a postage-paid envelope, the application documents will be returned to you by three months after the end of the selection procedure.