

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 offer aims 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 (Reichelt et al., 2023; *Plant, Cell & Environment*) the project aims at investigating 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 motivation letter, CV, certificates, and, if applicable, a list of publications, as well as the name of two suitable referees, to daniel.maag@uni-wuerzburg.de. The closing date for application is **14.02.2025**.

For further information, please contact:

Dr. Daniel Maag

Chair of Pharmaceutical Biology
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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.

If applying by mail, please send copies only, as the documents cannot be returned for cost reasons and will be destroyed shortly after the selection process concludes.

