

The Julius-von-Sachs-Institute of Molecular Plant Biology at the Julius-Maximilians-Universität Würzburg (JMU), Germany, is inviting applications for a

## Researcher Position

on the DFG funded project „Harnessing genome variation to optimise stomatal characteristics and create climate resilient and nutritious rice“ at the earliest opportunity.

The position will be available to start as soon as possible and will be fixed term for an initial period of 3 years. The position is full time.

While the position is full time, candidates wishing to work part time may also be considered (if full-time work can be ensured through job sharing). Remuneration will be based on the collective agreement for the public service of German federal states (*Tarifvertrag für den öffentlichen Dienst der Länder, TV-L*).

### Duties/responsibilities:

- Extraction of RNA from plant tissue
- Generate sequencing libraries for multiplex RNA-sequencing
- Bioinformatic analyses of RNA sequencing data. Apply ML methods to the analyses of gene-regulatory networks and perform association mapping using transcriptional data
- Create a data management plan and develop tools for efficient data storage and accessibility

### Qualifications:

- Completed scientific university degree in Bioinformatics, Plant Science, or related fields. The applicant must hold a PhD
- Demonstrated experience in the analysis of multi-omics (especially transcriptomic) data
- Ability to collaborate effectively in an interdisciplinary research environment
- Independent research interests in the field of gene-regulatory networks and their link to fitness related traits and resilience would be a plus

### What we offer:

- Integration into an interdisciplinary research environment at the JMU Würzburg at the intersection of Computational Biology and Plant Biology
- Being part of a international team in a DFG funded project proofing plants to changing climates.

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.

For further question please contact Prof. Arthur Korte ([arthur.korte@uni-wuerzburg.de](mailto:arthur.korte@uni-wuerzburg.de))

Please send your application preferentially electronically in a single PDF file including a cover letter, CV, publication list, relevant certificates, contact details of 2 references to

Prof. Dr. Arthur Korte  
Julius-von-Sachs-Institut  
Julius-von-Sachs-Platz 3  
D-97082 Würzburg  
[arthur.korte@uni-wuerzburg.de](mailto:arthur.korte@uni-wuerzburg.de)



The closing date for applications is **22<sup>nd</sup> of January 2025**

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.