

## External Job announcement Reg.-Nr. 5-2011/25-D

The Martin Luther University Halle-Wittenberg, Faculty of Natural Sciences I, is seeking to fill at the next possible date, until 31 December 2027, the position of a

### Postdoctoral position (m/f/d)

as full-time employment.

The salary will be according to Entgeltgruppe 13 TV-L, depending on the assigned tasks and individual qualifications.

#### Tasks:

- Investigation of pre-mRNA splicing as a mechanism of environmental adaptation, based on our previous publications (e.g., Mangilet et al., Nature Plants, 2024; de Francisco Amorim et al., The Plant Cell, 2018)
- Analysis of splicing patterns in different crop varieties under drought and heat stress
- Identification and functional characterization of alternatively spliced pre-mRNAs that contribute to stress tolerance and improved plant productivity
- Investigation of the molecular mechanisms by which master regulators of splicing influence crop fitness
- Integration of experimental data to develop breeding strategies for climate-adapted crops
- Generation and analysis of transgenic plants using CRISPR to experimentally validate the role of specific splice variants
- Presentation and publication of scientific data

#### Requirements:

- A completed university degree in biology, biochemistry, or a related field
- Strong enthusiasm for molecular plant biology and RNA processing
- Experience with molecular biology techniques, particularly RNA analysis, cloning, and genome editing, is desirable
- Ability to conduct independent scientific research and willingness to collaborate in an interdisciplinary research environment
- Strong communication skills and ability to work in a team-oriented setting
- Excellent proficiency in English (spoken and written)

The Martin Luther University Halle-Wittenberg gives priority to applications from severely disabled candidates with equivalent qualification. Women are particularly encouraged to apply. Applicants with a foreign qualification have to show the statement of comparability for foreign higher education qualifications issued by Central Office for Foreign Education|Zentralstelle für ausländisches Bildungswesen (<https://www.kmk.org/zab/central-office-for-foreign-education>).

If you have any questions, please contact Prof. Dr. Sascha Laubinger, Tel.: 0345 55-26300, e-Mail: [sascha.laubinger@genetik.uni-halle.de](mailto:sascha.laubinger@genetik.uni-halle.de)

Please send your application, quoting reg. no. 5-2011/25-D, together with the usual documents by 17.03.2025 to Prof. Sascha Laubinger via email to [sascha.laubinger@genetik.uni-halle.de](mailto:sascha.laubinger@genetik.uni-halle.de).

This call for applications is subject to possible budgetary restrictions.

Application costs will not be reimbursed by Martin Luther University.