

External Job Announcement Reg. No. 5-1318/25-D

The Martin Luther University Halle-Wittenberg, Faculty of Natural Sciences I, Institute of Biology, Department of Genetics, is looking to fill a position starting as soon as possible, initially limited until August 30, 2026, as a

Postdoctoral Research Fellow (m/f/d)

in full-time.

Remuneration will be paid up to pay grade 13 TV-L, depending on the tasks assigned and fulfilment of the personal requirements.

Tasks:

- Work on the research project "*eW5-Urea Co-formulations: A novel plant growth enhancing feedstock*": work in collaboration with the University of Durham in the UK (www.dur.ac.uk) and an industrial partner to develop a novel crop / plant growth enhancing technology using a combination of cell biological, chemical and molecular biological approaches.
- Project-specific tasks: greenhouse- and field-based growth and yield assays in a variety of commercial crops, fundamental physiological and molecular assays in the laboratory model plant *Arabidopsis thaliana*, molecular and genetic analysis of mode of action of plant growth-enhancing biostimulant.
- Project-specific methods: recombinant DNA methods (cloning), protein extraction and analysis (e.g. Western blots), assessment of plant growth through physiological analysis and photosynthetic measurements.
- Preparation and presentation of research results at seminars and conferences.
- Preparation of research reports and publications

Requirements:

- Completed University degree in biology, biochemistry, agricultural sciences or a related discipline
- Very good PhD in one of these fields
- Significant contribution to relevant publications
- Excellent knowledge of plant physiology, molecular biology and cell biology
- In-depth experience with molecular biological, biochemical and cell biological techniques
- Practical experience in recombinant DNA techniques such as cloning, protein techniques such as Western blot analysis, and expression of recombinant proteins desirable
- High intrinsic motivation and ability to work in a team
- Very good command of written and spoken English
- Basic knowledge of German desirable

Applications from severely disabled persons with equal aptitude and qualifications will be given preferential consideration. Women are strongly encouraged to apply. Applicants with a degree that was not obtained at a German university must submit a Statement of Comparability for Foreign Higher Education Qualifications from the Central Office for Foreign Education (<https://www.kmk.org/zab/central-office-for-foreign-education>) as proof of equivalence.

If you have any questions, please contact Prof Dr. Edgar Peiter, Tel.: +49 345 55 22 420, e-mail: edgar.peiter@landw.uni-halle.de.

Please send your application to Martin Luther University Halle-Wittenberg, Faculty of Natural Sciences I, Institute of Biology, Prof. Dr. Sascha Laubinger, 06099 Halle (Saale), by 27 February 2025, quoting reg. no.: 5-1318/25-D, together with the usual documents, including CV, list of publications and three references. Please send your application documents preferably by e-mail (one single pdf document) to sascha.laubinger@genetik.uni-halle.de

The job vacancy may be subject to budgetary restrictions.

Application costs will not be reimbursed by Martin Luther University. Application documents will only be returned if a prepaid return envelope is enclosed. An electronic application is welcome.