

External Job Advertisement Reg. Nr. 5-5969/26-H

Modern, interconnected, conscious of tradition: Martin Luther University Halle-Wittenberg (MLU) is the oldest and largest university in the State of Saxony-Anhalt with a history dating back more than 500 years. Today more than 20,000 students are enrolled at the university. MLU's core research areas are in the nanosciences and biosciences, the Enlightenment, as well as in social and cultural research. The university is also home to a range of small disciplines, some of which can be found nowhere else in Germany. The university has excellent national and international ties, and works closely together with leading research institutes, industry, and more than 250 universities around the world.

The Faculty of Natural Sciences, Institute of Biology, at Martin Luther University Halle-Wittenberg is seeking a part-time (50%)

Research Associate (m-f-d)

for a fixed term of 3 years, starting as soon as possible.

Remuneration will be determined based on job duties and responsibilities and will be aligned with the fulfillment of listed personal requirements, up to pay grade E13 under the *TV-L (Tarifvertrag für den Öffentlichen Dienst der Länder* – 'German Public Service Pay Agreement for the Federal States').

In our research group „Molecular Genetics“ we investigate the impact of long non-coding RNAs on DNA repair mechanisms and the associates stress resistance in the model plant *Arabidopsis thaliana*. We use state-of-the-art molecular biology and genetic methods to tackle our research objectives.

Job Responsibilities:

- Performing molecular biology tasks (DNA/RNA isolation, PCR, cloning methods, RT-qPCR, RNA-Seq) and analyzing the results
- Conducting various cell biology and microscopic analyses (confocal microscopy, localization studies, cell staining)
- Generation of genetically modified organisms (*Arabidopsis thaliana*, *Nicotiana benthamiana*, *Escherichia coli* und *Agrobacterium tumefaciens*) and characterization of the generated lines
- Assistance in the organization and realization of laboratory practical courses of the Molecular Genetics Research Group
- Supervision of students' theses

The opportunity to obtain your own academic qualification as part of a doctorate is given.

Requirements:

- A completed university degree in biology, biochemistry, biotechnology or similar
- Expertise in molecular biology techniques (PCR, cloning, DNA/RNA isolation, RT-qPCR)
- Experimental experience in (confocal) microscopy (live-cell imaging, nuclear analysis, localization studies)
- Experimental experience in the generation and cultivation of genetically modified plants (*Arabidopsis thaliana* and *Nicotiana benthamiana*) and bacteria (*Escherichia coli* and *Agrobacterium tumefaciens*)
- Experience in performing and analyzing RNA-Seq data, as well as in bioinformatics, is desirable
- Fluency in spoken and written German and English
- Ability to work effectively as part of a team in a dynamic environment

- Initiative and enthusiasm for scientific research

We offer:

- A dynamic and diverse working environment of an aspiring research group
- the opportunity to support the education of young people through your work and to contribute to gaining new insights and answering important scientific research questions
- public service employment with remuneration according to the Tarifvertrag der Länder (TV-L) ('Collective Agreement for the Public Service') including an annual special payment and a company pension
- 30 days of annual vacation plus additional days off on December 24 and 31
- a family-friendly, diversity-oriented, and intercultural work environment at a certified family-oriented university, including holiday childcare

Applications from disabled persons, including those of equal status (as certified by the *Bundesagentur für Arbeit* / Federal Employment Agency), will be given preferential consideration if they are equally suitable and qualified. Women are strongly encouraged to apply. Applications from individuals of all nationalities are explicitly welcome. 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 (ZAB) (<https://www.kmk.org/zab/central-office-for-foreign-education>) as proof of equivalence upon conclusion of the employment contract. You can find ways to apply for a financial grant for this under: <https://www.anerkennung-in-deutschland.de/html/de/pro/anerkennungszuschuss.php#>.

If you have any questions, please contact Ms. Jun.-Prof. Josephine Herbst, Tel.: 0345 55-26304, E-Mail: josephine.herbst@genetik.uni-halle.de.

Please send your application, including Reg. No.: 5-5969/26-H with the required documents, combined into one PDF-file, to Martin Luther University Halle-Wittenberg, Sekretariat, Frau Juliane Werner, E-Mail: sekretariat@genetik.uni-halle.de until 03/07/2026.

This job posting is subject to potential budgetary restrictions.

Application costs will not be reimbursed by Martin Luther University. Application documents will only be returned if a sufficiently stamped envelope is enclosed. Electronic applications are welcome.