External Job announcement Reg.-Nr. 5-1520/25-D

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 Martin-Luther-University Halle-Wittenberg, Natural Faculty I and the Biozentrum, Core Facility Plant Transformation and Genome Editing, is seeking to fill at the next possible date, until 31 December 2027, the position of a

Research Associate (f-m-d)

as full-time employment.

The salary will be up to Entgeltgruppe 13 TV-L, if the personal requirements and tasks are fulfilled.

Tasks:

In the joint research project "Value Plant – Plant-Based Valuable Compounds and Optimization of Crop Productivity," innovative scientific methods are being developed to extract plant-based valuable compounds and enhance the stress tolerance of crops. By combining fundamental plant science research with applied biotechnology, sustainable solutions are created for the fields of nutrition, agriculture, and the bioeconomy.
Plant genetic engineering and plant transformation are strongly required in this project, enabling the development of new genetic models, reporter-based studies, precise gene modification, gene function study and new biotechnological approaches development.

- Development and implementation of new methods and protocols in the field of modern plant biotechnology
- Plant cell tissue culture and plant genetic transformation
- Advanced genetic engineering including various genome editing approaches in different plant species
- Support for students, doctoral researchers, users, and project partners through cloning and plant transformation methods
- Training and advising project partners on genome editing strategies
- Scientific documentation and publication of results in peer-reviewed journals
- Participation in interdisciplinary project meetings and presentation of research findings

Requirements:

- Completed university degree in natural sciences with a PhD, preferably on plant molecular biology related topic
- Extensive experience in plant genetics and molecular biology
- Experience in gene cloning and genetic engineering
- Experience in plant tissue culture and plant transformation

- Data analysis and bioinformatic skills, independent working style, strong organizational skills, teamwork ability, and initiative in problem-solving
- Excellent communication skills in English, basic knowledge of German

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 as proof of equivalence. This Statement can also be submitted after successful completion of the hiring process.

For queries about the research project please contact Dr. Sofya Gerasimova, E-Mail: sofya.gerasimova@biozentrum.uni-halle.de.

Please submit your full application exclusively as one pdf file including the usual documents (letter of motivation, CV, certificates, reference contacts and/or reference letters are explicitly desirable) with registration number 5-1520/25-D by 26.02.2025 via E-Mail sofya.gerasimova@biozentrum.uni-halle.de.

Only complete application documents will be considered. Application portfolios will not be returned, application costs will not be reimbursed. Electronic applications are welcome.

This announcement is subject to possible budgetary restrictions.