



securing tomorrow's resources

Scientist (f/m/d)

Institute for Breeding Research on Horticultural Crops - based in Quedlinburg

Application deadline: May 30, 2023 for reference number: QLB-ZG-WA-04-23 keyword EdTissOmics

At the Institute for Breeding Research on Horticultural Crops (ZG) of the Julius Kühn Institute (JKI), a group EdTissOmics will be established to work on issues of genome editing, cell and tissue culture and cytology. This group has cross-sectional tasks for vegetables, medicinal and aromatic plants and ornamental plants. The head position advertised here is associated with technical assistance. It is desired that the holder of the position will acquire further positions on the basis of third-party funding.

Your responsibilities

- group leadership in the field of genome editing, cell and tissue culture as well as cytology with questions relating to vegetables, medicinal and spice plants as well as ornamental plants;
- further development and implementation of molecular genetic techniques for genome editing;
- adaptation of cell and tissue culture procedures - protoplast fusion, in vitro propagation;
- use of histological methods - cell structures, pathogen attack, defence mechanisms;
- adaptation and implementation of cytology and molecular cytology procedures - chromosome counting, fluorescence in situ hybridisation (FISH), flow cytometry, immunostaining;
- acquisition of third-party funding to further raise the group profile and the training of young academic staff for horticulture;
- publication of own results in peer reviewed journals and steering of the publication activities of the group.

Your profile

- a completed scientific university degree in plant breeding, horticulture, agricultural sciences, biology, biotechnology or a comparable discipline; preferably with a doctorate;
- practical experience in scientific data management, knowledge of database systems and LIMS;
- experience with genome editing methods;
- preferably experience in cell and tissue culture and cytology;
- preferably basic knowledge in plant analytics as well as in breeding research and plant genetics;
- excellence in publication and presentation;
- very good written and spoken German and English skills;
- excellent teamwork, resilience, flexibility and high motivation in laboratory work as well as work in the greenhouse and experimental field under punishing weather conditions;
- at least category B (III) driver's licence and the willingness to undertake business trips as a self-driver.

We offer

- a varied, challenging and interesting job in an international working environment,
- a full-time position with 39.0 hours per week for an initial period of four years with the option of an extension. Various forms of part-time employment are possible in principle. The fixed term is in accordance with § 14 paragraph 1 of the Part-Time and Fixed-term Employment Act (Teilzeit- und Befristungsgesetz, TzBfG). The employment relationship is based on the Collective Agreement for the Public Service East (TVöD-Ost).
- remuneration according to pay group E 14 TVöD.
- an entry at the earliest possible date.

The Julius Kühn Institute (JKI) is an equal opportunities employer. The JKI is committed to inclusion. Applications from people with disabilities are therefore expressly welcome and given special consideration in the selection process. The JKI promotes the reconciliation of work and family life and, since 2021, has been holding the **audit workandfamily** certificate ([audit berufundfamilie](#)).

The Julius Kühn Institute is an institution directly subordinated to the Federal Ministry of Food and Agriculture (BMEL).

Address: Julius Kühn-Institut (JKI), Federal Research Centre for Cultivated Plants, Administration, Erwin-Baur-Straße 27, 06484 Quedlinburg, Germany.

Information on data protection can be found here: <https://www.julius-kuehn.de/en/data-protection-information-for-applicants/>.



Where possible, we offer flexible working time models to reconcile work and family life. More information can be found [here \(in German\)](#).

More information

Prof. Dr. Frank Marthe

Phone: +49 (0) 3946 47-3001

E-Mail: frank.marthe@julius-kuehn.de

Applying online

Please apply via the INTERAMT job portal. To do so, click on the "**Online bewerben**" button on the INTERAMT page. The deadline for your application is May 30, 2023.

Please note that the language on the INTERAMT portal is German.

For an overview of all open advertisements, please use this link:

<https://www.interamt.de/koop/app/trefferliste?partner=3695>.

To apply, please register with INTERAMT at <https://www.interamt.de/koop/app/registrieren> or use your login if you are already a registered user. If you have any technical problems or questions regarding your registration, please contact INTERAMT directly at +49 (0) 345 4800-140 or by e-mail: kontakt@interamt.de.

Make sure to have uploaded all relevant documents (letter of motivation, curriculum vitae, list of scientific work) for your online application by the application deadline.