



Lebensgrundlagen für morgen sichern

Scientist (m/f/d)

Institute for Resistance Research and Stress Tolerance - Location Quedlinburg

Application deadline: 17th May 2024 for the reference number: QLB-RS-WA-04-24

As part of the working group "Viruses and Invertebrate Pests", the JKI Institute for Resistance Research and Stress Tolerance works on the comprehensive area of plant reactions to biotic stress factors, in particular important viral diseases and their insect vectors such as aphids and leafhoppers. In this context, the group uses phenotyping and quantitative genetics for detailed analysis of the resistance/tolerance response.

Your Tasks

With the aim of representing the research group leader, the following tasks must be carried out:

- evaluation of crop panels, especially cereals and oilseed rape with regard to resistance/tolerance against economically important viruses in field experiments and greenhouse trials;
- continuing development of methods for diagnosing virus infection in cultivated plants;
- mapping of resistance/tolerance using genome-wide association studies and bi-parental populations and development of molecular markers for corresponding resistances;
- investigation of physiological, biochemical and molecular genetic basis of resistance/tolerance;
- management, preparation and analysis of statistical data;
- conception and coordination of research projects as well as acquisition of third-party funds;
- support and promotion of young scientists;
- publication in peer-reviewed journals and presentation of the results at national and international conferences in German and English.

You have

- a completed academic university degree (Univ.-Dipl./M.Sc.) in agricultural sciences, agricultural biology, biology or other relevant fields such as plant production, plant breeding or plant physiology, preferably with a PhD degree;
- very good knowledge in the areas of phytopathology, especially plant virology;
- practical experience in scientific working with pathogens and in phenotyping of agricultural crops for virus/insect tolerance in laboratory, greenhouse and field experiments;
- experience in experimental design and statistical analysis of scientific experiments;
- good knowledge of genome-wide association studies, the development of molecular markers and the identification of candidate genes;
- very good teamwork skills, high proficiency in project-related and autonomous working;
- the ability to present facts both orally and in writing;
- good knowledge of spoken and written German and English;
- a class B (III) driving license and the willingness to carry out business trips lasting several days.

We offer

- a varied, challenging and interesting job in an international working environment.
- a full-time employment with 39,0 hours a week until 31st October 2024 for a representation an employee during the maternity protection period, with the option of extension during parental leave. Various forms of part-time employment are generally possible. The employment relationship is based on the collective agreement for the public service east (TVöD-Ost).
- remuneration according to salary group E 13 TVöD.
- the position is available beginning from 25th July 2024.

The JKI subsidizes the Deutschlandticket for its staff, who can purchase it at a reduced subscription price of €23.28.

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, Central Department, 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>.





Lebensgrundlagen für morgen sichern

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

More Information

Dr. Andreas Stahl

Tel.: +49 (0) 3946 47-3600

E-Mail: andreas.stahl@julius-kuehn.de

Dr. Britta Ruckwied

Tel.: +49 (0) 3946 47-3666

E-Mail: britta.ruckwied@julius-kuehn.de

Online application

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 17th May 2024.

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

An overview of all vacancies at the Julius Kühn Institute can be found [here](#). Alternatively you can simply scan the QR code at the bottom right corner with your mobile device.

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) 385 4800-140 or by e-mail: kontakt@interamt.de.

Make sure to have uploaded all relevant documents for your online application by the application deadline.

If you have an international degree, please also enclose a certificate evaluation from the Central Office for Foreign Education (ZAB) with your application. If you do not yet have a certificate evaluation, you would have to apply for one upon successful application. For more information, please visit <https://www.kmk.org/zab/zeugnisbewertung.html>.

