



# securing tomorrow's resources

## Scientist (f/m/d)

Institute for Biosafety in Plant Biotechnology - based in Quedlinburg

Application deadline: 22 November 2021 for reference number: QLB-SB-WA-03-21

## Your responsibilities

You will work in a JKI-internal joint project entitled "Safety of RNAi technology in plant protection: Method evaluation for estimating effectivity and potential impacts on target and off-target organisms". Four JKI institutes are involved in this project: the Institute for Biosafety in Plant Biotechnology based in Quedlinburg, the Institute for Resistance Research and Stress Tolerance based in Quedlinburg, the Institute for Bee Protection based in Braunschweig and the Institute for Plant Protection in Field Crops and Grassland in Braunschweig.

- Design and application of RNAi to silence target genes in aphids as a target organism;
- Study of effects of environmental factors on the efficiency of applied RNAi in target and non-target organisms;
- Study of the fate and distribution of the applied dsRNA in the environment;
- Study of the potential uptake of applied dsRNA into bees and predators;
- Design and validation of an in vivo toxicity assay for risk assessment of the topical application of dsRNAs in non-target organisms;
- Presentation of results in the form of reports, oral presentations and publications.

## Your profile

- A University degree (Master or Diploma) in Biology, Plant Sciences or a comparable discipline;
- Experience with molecular biology techniques (RNA-isolation, qRT-PCR, cloning);
- Experience in working with RNA silencing in plants or insects will be an advantage;
- Solid general knowledge in plant biology /plant physiology and, if possible, experience in handling insects;
- Very good team, organizational and communication skills;
- Good knowledge of the English language (German is an advantage);
- A valid driving license (class B (III)) and willingness to carry out work-related travel and field trials.

## We offer

- a varied, challenging, and interesting interdisciplinary job in an international working environment;
- a temporary part-time employment with 19,5 hours a week limited to 36 months. The time limit is in accordance with § 2 para. 1 Act of Academic Fixed-term Contract (WissZeitVG). The possibility to obtain a doctoral degree is given. The employment contract will be based on the collective agreement for the public service-East (TVöD-Ost).
- remuneration according to salary group E 13 TVöD;
- starting date: 1 January 2022.

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

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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/>.



## 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 22 November 2021.

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

Unless you have already found this vacancy via INTERAMT, our job offers are available here:

<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](mailto:kontakt@interamt.de).

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