



# securing tomorrow's resources

## Research Scientist (f/m/d)

Institute for Breeding Research on Agricultural Crops - based in Groß Lüsewitz

Application deadline: 25th August 2023 for reference number: GL-ZL-WA-05-23

### The project

Collaboration in the BLE-funded project ZuckKar "Methodological Foundations of Diploid Hybrid Potato Breeding ". The transition from traditional breeding of tetraploid clonal varieties towards diploid, true-potato seed (TPS)-based varieties offers several quantitative genetical and methodological advantages, which promise a higher selection gain and a faster adaptation of new varieties, in particular to changing climatic conditions.

### Your responsibilities

- bioinformatic analyses of next generation sequencing data sets of diploid potato;
- biometric analyses of experimental datasets to estimate relevant quantitative genetic parameters;
- optimisation of potato breeding programs using model calculations and computer simulations;
- preparation of manuscripts for scientific journals;
- presentation of results on scientific conferences;
- preparation of intermediate and final reports.

### Your profile

- a completed scientific university degree in the field of agricultural or horticultural sciences, forestry, biology, bioinformatics or a comparable discipline;
- very good programming skills (e.g. R, Python, C/C++);
- very good theoretical knowledge and preferential also practical skills in the bioinformatics analysis of next generation sequencing data sets;
- good knowledge in statistics and quantitative genetic theory;
- high interest in performing bioinformatic and biometric analyses;
- good communication and organisation skills;
- ability to work independently and reliably, teamwork skills, and high motivation;
- good English skills.

### We offer

- a varied, challenging and interesting job in an international working environment.
- a temporary part-time employment limited for 27 months with 19,50 hours a week on a third party funded project with the option to a continuation of the contract for 24 month after a positive evaluation of the project by the funding agency is given. The possibility of a doctorate is given. The employment contract will be based on the collective agreement for the public service east (TVöD-Ost).
- a remuneration according to salary group E 13 TVöD.
- starting date: 1st October 2023.

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 \(in German\)](#).





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### More information

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### Application online or direct:

Motivation letter, your CV, copies of relevant degrees and contact details of at least two references

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 25th August 2023.

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) 385 4800-140 or by e-mail: [kontakt@interamt.de](mailto:kontakt@interamt.de).

**Direct:** If you see any problems with applying online, send your full application with all documents as **one** pdf-document to [bewerbungen.quedlinburg@julius-kuehn.de](mailto:bewerbungen.quedlinburg@julius-kuehn.de).

