



## Conserving - Exploring - Exploiting

The [IPK](#) is one of the world's leading international institutions in the field of plant genetics and crop science. Its research program and services contribute significantly to conserving, exploring and exploiting crop diversity. Its research goals are driven by the need to ensure an efficient and sustainable supply of food, energy and raw materials, thereby addressing a major global ecological challenge.

### Postdoctoral researcher in plant genomics (f/m/d)

The research group [Domestication Genomics](#) studies domestication and adaptation processes and their interaction with genetic diversity in the cereal crops barley, wheat and rye and their wild progenitors by analyzing comprehensive sequence datasets in the context of newly developed genomic sequence and mapping resources. In frame of a project funded by the German Ministry of Research and Education (BMBF), we are assembling and analyzing the genomes of several barley genotypes, including wild relatives and landraces.

#### Your tasks:

- Comparative analysis of chromosome-scale sequence assemblies
- Definition of the barley pan-genome
- Conceptualization of interactive visualization methods
- Presentation of results in scientific articles and at international conferences

#### You fit to us:

- You are interested in complex plant genomes.
- You see your future in academic research.
- You like to work in a team and to reach goals together.
- You want to become a member of an international and dynamic team.

#### Your qualifications and skills:

- You hold a PhD degree in plant genetics, bioinformatics, computational biology or related field.
- You have experience in the field of plant genetics and/or computational biology.
- You have solid English skills, which are a prerequisite for an effective work in our multicultural working environment.
- You have an excellent publication record.

#### We offer you:

- The opportunity to work in a world-class research center with state-of-the-art facilities and scientists from all over the world
- A collegial working atmosphere
- A project based fixed-term position until October, 31<sup>st</sup> 2019, with the option of an extension
- A gross salary up to 100% E13 TV-L

If you need further information on the position offered, please feel free to contact **Dr. Martin Mascher** ([mascher@ipk-gatersleben.de](mailto:mascher@ipk-gatersleben.de)).

#### What you need to know:

For us, your qualifications and strengths count. Therefore, everyone – independent from gender, origin, age, or possible disability – is welcome. The IPK is striving to increase the proportion of women in sectors where they are underrepresented and therefore explicitly encourages qualified women to apply. As an institution which has been awarded the Certificate for Career and Family (“berufundfamilie”), we offer family-friendly working conditions and flexible working hours. The IPK has set a goal to employ more people with disabilities. Qualified applicants with a disability will be given preference.

#### Your application:

We look forward to receiving your [online application](http://www.ipk-gatersleben.de/en/job-offers/) (http://www.ipk-gatersleben.de/en/job-offers/) until **January 31<sup>st</sup>, 2019**.

Questions about the application process, kindly address to our **Recruiting Team** ([jobs@ipk-gatersleben.de](mailto:jobs@ipk-gatersleben.de)) by indicating the reference number **02/01/19** in your correspondence.