



## 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.

## PhD Student (f/m/d) - in the field of epigenetic regulation of reproduction

The independent research group [Applied Chromosome Biology](#) has an open position for a PhD Student to work on epigenetic regulation of reproduction. Reproduction and fertility are the main targets of crop breeding. Our group uses genetics, epigenomics, and cytological approaches to elucidate the mechanisms of reproductive development in Arabidopsis and crops.

### Your tasks:

- The project aims to identify the role of histone modifications in reproduction.
- You are going to elucidate the mechanisms by which histone modifications regulate transcriptional activity.
- The project will involve a combination of genetics, epigenomics, cytogenetics, and biochemistry.

### You fit to us:

- ... if you are highly motivated, enthusiastic and creative.
- ... if you can work independently as well as part of a team.
- ... if you have good communication skills.

### Your qualifications and skills:

- You hold a Master's degree in plant biology, genetics, biochemistry, or related field.
- You have a background in molecular biology and genetics. Experience with meiosis or pollen development is a strong asset but not essential.
- You have solid English skills, which are a prerequisite for effective work in our multicultural work environment.

### We offer you:

- ... an interesting research project.
- ... a friendly and productive working environment.
- ... an employment starting on 1 March 2022, limited for 36 months.
- ... a gross salary will be up to 65% E13 TV-L.

If you need further information, please feel free to contact **Prof. Hua Jiang** Tel.: +49 (0) 39482 5875 directly.

### 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 are looking forward to receive your **complete** application (letter of motivation, CV, certificates) as one single pdf-document until **16.01.2022** via [online-application](https://www.ipk-gatersleben.de/en/career/job-offers) (<https://www.ipk-gatersleben.de/en/career/job-offers>). If you have questions or require more information, please do contact **Ms. Stefanie Dreßler** ([jobs@ipk-gatersleben.de](mailto:jobs@ipk-gatersleben.de)). Please indicate the reference number **53/12/21** in your correspondence. Please note that incomplete application documents cannot be considered. **Foreign qualifications must carry out an equivalence test in Germany, which is subject to a fee. This must be presented in the event of a later hiring:** <https://www.kmk.org/zab/central-office-for-foreign-education/statement-of-comparability-for-foreign-higher-education-qualifications.html>