



## 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 plant reproductive development

The independent research group [Applied Chromosome Biology](#) has an open position for a PhD Student to work on the mechanism of unreduced gamete formation. Our group uses genetics, proteomics, and cytological approaches to understand the mechanism of unreduced gamete formation, which is considered to be the main route to polyploidy in plant evolution.

### Your tasks:

- The project aims to elucidate the mechanism of unreduced gamete formation in plants.
- You are going to identify and characterize the genes that can suppress or enhance unreduced gamete formation in Arabidopsis.
- The project will involve a combination of forward genetics, cytogenetics, molecular cloning, 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 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<sup>st</sup> April 2021, 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 **07.03.2021** via [online-application](http://www.ipk-gatersleben.de/en/job-offers/) (<http://www.ipk-gatersleben.de/en/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 **06/02/21** in your correspondence. Please note that incomplete application documents cannot be considered.