PhD Student in Applied Chromosome Biology (f/m)

The research group **Applied Chromosome Biology** investigates the molecular mechanisms establishing chromatin modifications and their impact on plant development and evolution, with the ultimate aim to apply this knowledge on crop improvement. Our main model is *Arabidopsis thaliana*, but we work as well on crop plants.

**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.

**Your qualifications and skills:**
- Applicants should have a master degree in plant biology, genetics, biochemistry, or related field.
- Applicants should have a background in molecular biology and genetics. Experience with meiosis is a strong asset but not essential.
- Applicant should be fluent in written and spoken English.

**You fit to us:**
- If you are a bright, highly motivated, and enthusiastic person
- If you are interested in plant genetics and plant evolution.
- If you have good communication skills
- If you have the ability to work independently, as well as part of a team

**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
- Collegial working atmosphere
- An employment which could start as soon as possible limited to 36 months
- Gross salary will be up to 50% E13 TV-L

If you need further information, feel free to contact Jun.-Prof. Dr. Hua Jiang (jiangh@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/) until **02.04.2018**. If you have questions or require more information, please contact Ms. Jacobi (jobs@ipk-gatersleben.de) and indicate the reference number **23/03/18** in your correspondence.