Erhalten - Erforschen - Erschließen

Das IPK gehört zu den großen, international bedeutsamen Zentren der Pflanzenforschung. In unserem Institut arbeiten Menschen aus der ganzen Welt. Sie forschen für eine effiziente und nachhaltige Nutzung der Kulturpflanzenvielfalt. Um die Datenbestände analysieren zu können, sind die Verwendung moderner Informatikmethoden und der Einsatz von aktueller IT-Infrastruktur von essentieller Bedeutung.

Master thesis in the field of breeding research

The Leibniz-Institute of Plant Genetics and Crop Plant Research (IPK) is a non-profit research institution and a member of the Leibniz Association. The Institute's mission focuses on the elucidation of the fundamental principles of evolution, development and adaptation of our major crop species to limited resources and climate change.

The research work at IPK is divided into five cross-departmental and cross-disciplinary research themes:

1. Valorisation of Plant Genetic Resources
2. Genome Diversity and Evolution
3. Mechanisms of Plant Reproduction
4. Growth and Metabolism
5. Mechanisms of Resistance and Stress Tolerance

More details about the certain research themes can be found on our website:
https://www.ipk-gatersleben.de/en/institute/about-us/research-themes

Supported by **KWS SAAT SE & Co. KGaA**, we offer to interested students the opportunity to conduct at IPK their research for a master thesis related to plant breeding.

You fit to us:

- if you are highly interested in the field of plant breeding research and related disciplines incl. improvement of crop traits, chromosome biology or quantitative genetics and bioinformatics.
- if you have basic knowledge of applied plant sciences
- if you can organize your work in a flexible and independent manner
- if you are learning quickly.

We offer you:

- Guidance and support through the whole project in a collegial and international team
- Accommodation on campus (liable to costs, upon request)
- Flexible working hours
- Renumeration as a scientific student assistant.

Questions referring to breeding research can be directly addressed to **Prof. Dr. Jochen Christoph Reif** (reif@ipk-gatersleben.de)

Have we raised your interest?

Don't hesitate to get in touch right now with one of our 29 research groups that suits to your interests.
Please coordinate your desired research topic with the corresponding group leader and your supervisor at the university.
We are looking forward to your ideas for possible topics for your master thesis in relation to the research priorities of the IPK.

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