

PhD student position available

at the Institute of Biotechnology in Plant Production

PhenoMix

Improving the climatic resilience of wheat by using phenomic and genomic selection

We are looking for a PhD student who is interested to work on the genetic improvement of heat and drought stress tolerance in bread wheat within the PhenoMix project. The task of the PhD student will be the analysis of phenotypic, genomic, and spectral data from multi-location field trials to establish a predictive breeding pipeline for heat and drought stress tolerance in two practical wheat breeding programs. Most of the project work will be conducted at the Institute of Biotechnology in Plant Production in the Department of Agrobiotechnology Tulln, which is located close to Vienna in Austria. The project will be carried out in a close collaboration with the French plant breeding companies LIDEA and Lemaire-Deffontaines, and the chosen candidate will have many opportunities to interact with the industry during their PhD.



Requirements:

- Master degree in biology, agricultural sciences or a related discipline
- Experience in data analysis with statistical packages such as SAS, Phyton or R
- Profound knowledge in plant or animal breeding, quantitative genetics, and statistics
- Team orientation and ability to work independently
- Proficiency in English is essential

We can offer a part time contract with a gross salary of 2500 € per month, according to the regulations of BOKU. Planned starting time: as soon as possible. The position will be filled as soon as a qualified candidate has been found.

For further information please contact Sebastian Michel

E-mail: sebastian.michel@boku.ac.at

Send your application (motivation letter, cv, names of 2 referees, degree certificate) preferable in electronic form to sebastian.michel@boku.ac.at or alternatively to:

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