

# PhD student position available

## at the Institute of Biotechnology in Plant Production

### MaltBarOmics

#### Combining superior yield potential and malting quality by omics-based breeding strategies in winter barley

We are looking for a PhD student to conduct research on several omics-based breeding methods for accelerating the genetic improvement of winter malting barley. The research will take place at the Institute of Biotechnology in Plant Production in the Department of Agrobiotechnology Tulln, which is located close to Vienna. Your task will be the analysis of phenotypic data from multi-location grain yield, virus resistance, and micro-malting trials that will serve as the basis to establish an omics-based breeding pipeline in an applied winter barley breeding program. The project will be carried out in a close collaboration with Austrian plant breeding company Saatzucht Edelfhof GmbH, 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 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 net salary of 1550 € per month, according to the regulations of BOKU. Planned starting time: as soon as possible, preferably before March 2023. The position will be filled as soon as a qualified candidate has been found.

**For further information please contact** Sebastian Michel

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**Send your application before 21<sup>st</sup> November** (motivation letter, cv, names of 2 referees, degree certificate) preferable in electronic form to [sebastian.michel@boku.ac.at](mailto:sebastian.michel@boku.ac.at) or alternatively to:

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