



We are Austria's largest Research and Technology Organisation and an international player in the research areas that we cover. This makes us a leading development partner for industry and a top employer in the scientific community. Applications are invited for a:

## Master Thesis “Investigation of biocontrol mechanisms in *Trichoderma* spp.”

*Trichoderma* spp. are important plant symbionts, which can protect the plant from fungal diseases, strengthen its immune systems and alleviate abiotic stresses. Therefore we are investigating biocontrol abilities of the isolates in our strain collection. We study the environmental cues these fungi sense as well as their communication with the plant, with pathogens as well as with other beneficial microbes.

### Description

- Microbiological analysis
- Plate assays
- Growth tests
- Screenings in the greenhouse

### Candidate profile

- Studies in biotechnology, biology or a related field
- Enthusiasm for scientific work
- Knowledge in working with microbes
- Experience with molecular biological techniques (PCR, working with nucleic acids)
- Accuracy in laboratory work
- Ability to work in a team and collaborate on different topics
- Fluent language skills in English (spoken and written)

### Your compensation:

EUR 1.310,00 gross per month for 38,5 hours/week based on the collective agreement (Forschungs-KV).

Please submit your application documents, including certificates, to  
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