



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 chemical communication with *Trichoderma reesei*"

Trichoderma reesei is known as a biotechnological workhorse for enzyme industry and in the field of biofuels. Recently, chemical communication with mating partners and other fungi was detected for *Trichoderma reesei*. We are investigating the means of communication of *Trichoderma reesei* and its consequences for primary and secondary metabolism in *Trichoderma reesei* as well as in beneficial and harmful fungi.

Description

- Microbiological analysis
- Plate assays
- Growth tests
- Chromatographic methods
- Secondary metabolite analysis

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 1.343,00 gross per month for 38,5 hours/week based on the collective agreement (Forschungs-KV).

Please submit your application documents, including certificates, to

Mrs. Mag. Marie Theres Raberger, MSc, Recruiting
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