



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. Our Center Health & Bioresources is seeking to hire a new Ingenious Partner for our location in Tulln:

Marie Skłodowska Curie/Early-Stage Researcher (f/m) for a PhD Thesis “Interaction between microbiomes and secondary metabolite production of medicinal plants”

Microbiomes associated with medicinal plants (e.g. members of the Boraginaceae family) may play an important role in modulating bioactive secondary metabolites. In the EU-project MICROMETABOLITE the interaction between microbiomes, metabolomes, transcriptomes and environment and the underlying molecular and microbial functions and mechanisms will be investigated. Suitable plant production systems integrating microorganisms will be developed to improve the production of desirable bioactive compounds.

Description

- Explore microbial challenged transcriptomes of medicinal plants by using next generation sequence-analysis
- Analyze the genotype of sampled plants by using population genetic analysis
- Publishing in international scientific journals

Candidate profile

- MSc degree in Plant Biology, Molecular Biology or related field
- Experimental knowledge of principal molecular biology techniques
- Basic Knowledge in bioinformatics/transcriptomics
- Extraordinary dedication to science
- Fluent oral and written communication skills in English

Framework Conditions and Salary:

The employment in this position should begin in April 2018 for the duration of 36 months including secondments to partner institutions. We offer a gross salary according to Horizon 2020 Marie Skłodowska Curie Actions funding scheme comprising a yearly living allowance (37.320 € includes all compulsory deductions under national legislation) a monthly mobility allowance (600 €) and depending on family status a monthly family allowance (500 €). As a general rule, applicants must be in the first four years (full-time equivalent research experience measured from the date when the researcher obtained the degree entitling him/her to embark on a doctorate) of their research careers and not have been awarded a doctoral degree. Applicants should not have resided or carried out their main activity in Austria for more than 12 months in the 3 years immediately before the recruitment date. Female researchers are especially encouraged to apply. In case of equal qualification, female applicants would be preferred

Please submit your application documents, including certificates, to

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