Mycor RHIZOSPHERE

University of Cologne

# Position for a doctoral scientist in mycorrhizal symbiosis research in the cereal crop maize

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| Position: | The Bucher Lab headed by Marcel Bucher is seeking a **PhD student** who would like to conduct in-depth research into the genetic and edaphic mechanisms underlying the spatio-temporal and functional variability of the microbiota in the mycorrhizosphere of the crop maize as part of the DFG-funded priority programme SPP2089 "Rhizosphere - Spatiotemporal Organisation". The research focus is on genetic factors that determine the structural and functional interactions between mycorrhizal plant, microbiota and soil. We are based at the Cologne Biocenter, a modern integrative research and teaching facility for life sciences at the University of Cologne, which offers an excellent research infrastructure in an international environment and includes the CEPLAS and CECAD clusters of excellence. |
| Requirements: | The ideal candidate holds a degree in biology or in a related field with a good background in “wetlab biology”, is skilled in metagenomics analyses including solid statistics and quantitative biology, and has an "I can do it" attitude. |
| Starting date: | The position is available immediately. |
| Duration: | 3 years (extension possible) |
| Salary: | According to Cologne University and federal guidelines. |
| Application: | Please send your convincing application (CV with motivation letter, transcripts and 2 references) by email (in one pdf-file) with the reference number PHD-SPP2089. The University of Cologne is committed to equal opportunities and diversity. Women are especially encouraged to apply and will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungs-gesetz – LGG NRW). We also expressly welcome applications from people with disabilities / special needs or of equal status. |
| Deadline for application: | Mid-February 2022 |
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