



## University of Cologne



# Position for a postdoctoral scientist in mycorrhizal symbiosis research in the model legume *Lotus japonicus*

**Position:** The Bucher Lab headed by Marcel Bucher is looking for a **postdoctoral researcher** who would like to investigate the spatiotemporal dynamics in the development of arbuscular mycorrhiza (AM) and the underlying regulatory mechanisms at the molecular level. This is a DFG-funded project with a research focus on transcriptional regulators, their interaction and the functional significance of their target genes in the AM symbiosis. 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 Clusters of Excellence CEPLAS and CECAD. See [doi.org/10.1104/pp.114.255430](https://doi.org/10.1104/pp.114.255430), [doi.org/10.1073/pnas.1812275115](https://doi.org/10.1073/pnas.1812275115) and [doi.org/10.1126/science.abg0929](https://doi.org/10.1126/science.abg0929) for more scientific information.

**Requirements:** The ideal candidate holds a degree in biology or in a related field, has an "I can do it" attitude with a good background in "wetlab biology". Experience in ChIPseq, RNAseq, and protein-protein interactions, scientific writing and German language is a plus.

**Starting date:** The position is available immediately.

**Duration:** 2 years

**Salary:** According to federal guidelines (TV-L E13).

**Application:** Please send your convincing application (CV with motivation letter, transcripts and 2 references) by email (in one pdf-file) with the reference number PD-DFG. 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

**Inquiries and address** [claudia.schwanitz@uni-koeln.de](mailto:claudia.schwanitz@uni-koeln.de), Cc to [m.bucher@uni-koeln.de](mailto:m.bucher@uni-koeln.de)  
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