



The **Plant Molecular Physiology Department at the University of Cologne** invites applications for a

Postdoctoral position in Plant Molecular Physiology/Cell Biology

as a fixed-term position in the lab of Prof. Dr. Marcel Bucher

Position: The successful candidate will join our research on the **mycorrhizal symbiosis** with a focus on the regulatory network underlying mycorrhizal nutrient acquisition in the model system ***Lotus japonicus*** (*Nature* 414, 462; *Science* 318, 265; *Plant J* 74, 280; *Plant Physiol* 167, 854; *PNAS* 115, 39). Our international research team is located at the Cologne Biocenter, an integrative research and teaching facility for biological sciences at the University of Cologne providing excellent research infrastructure. This is a maternity leave substitute employment from March to September 2019 (longer-term extension possible).

Requirements: The **ideal candidate** has a strong motivation and passion to science, a fundamental knowledge in plant molecular physiology/cell biology, interest in reduced teaching (4 SWS) in basic (German) and advanced (English) level, and holds a PhD in biology, biochemistry or a related field. Expertise in RNA-seq, ChIP-seq, R/Perl programming, Y1H and Y2H screening, CoIP, confocal microscopy as demonstrated by *first author* papers in highly ranked international journals, will be a strong plus. Very good written and oral communication skills in English are required. Priority will be given to candidates who have identified independent funding sources for which they are eligible, and to which they are prepared to apply.

Salary: According to federal guidelines (TV-LE13).

Application: Please send letter of application, CV, publication list, transcripts, and letters of recommendation with up to three references as one PDF document by e-mail (subject header: mycorr2019). Applications from disabled persons are welcome. Disabled persons with equal qualifications will be given priority. Applications from women are expressly welcome. Women with comparable qualifications will receive particular consideration, unless another applicant displays compelling reasons to prefer this person.

Deadline for application: Applications will be accepted until 20st of January 2019.

Inquiries and address of application: Claudia Schwanitz and Marcel Bucher, University of Cologne, claudia.schwanitz@uni-koeln.de, m.bucher@uni-koeln.de
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