

The Cluster of Excellence on Plant Sciences and the University of Cologne offer a position as

Postdoctoral Researcher (m/f) in Molecular Plant Nutrition

The position is suitable for Habilitation and is available from July 2017 initially for 3 years, with a possibility for prolongation by 3 more years. If the prerequisites are met, payment is made according to collective agreement up to E13 TV-L.

The candidate will join the group of Stanislav Kopriva at the Botanical Institute, University of Cologne. The position is offered in the context of the German Excellence Initiative CEPLAS which promotes outstanding research at German universities. CEPLAS is a joint effort of University of Cologne, HHU Düsseldorf, Max Planck Institute for Plant Breeding Research and Forschungszentrum Jülich (www.ceplas.eu).

The research in Kopriva group aims to understand how plants integrate the uptake and utilization of key mineral nutrients, nitrogen and sulfur, with their needs, demand, and changes in environment. We use a combination of biochemical, genetic and physiological approaches and exploit natural variation in the model species *Arabidopsis thaliana*. Within CEPLAS the group studies the interaction of plants and microorganisms in the rhizosphere and their role in plant mineral nutrition and mineral nutrition of C4 plants.

We are seeking an enthusiastic researcher who wants to develop his/her own profile in the framework of the group's research topics. This includes independent applications for grants, and supervision of graduate and undergraduate students. The candidate is expected to actively participate in undergraduate teaching. The position is suitable for "Habilitation".

PhD in life sciences and at least 3 years of postdoctoral experience, preferably abroad, are essential. The successful candidate will have good practical knowledge of standard methods in molecular biology, genetics, and biochemistry and experience in working with plants, will have a solid publication record and be able to freely communicate in English. Familiarity with nitrogen or sulfur metabolism, C4 photosynthesis, bioinformatics, or mathematical modelling is desirable.

The University of Cologne is an equal opportunities employer. Applications of women are especially encouraged. Handicapped candidates will be given priority in case of equal professional qualification.

Please send the application including CV, list of publications, description of research plans, and contact information for three references as a single pdf document to Prof. Stanislav Kopriva skopriva@uni-koeln.de **before the 28th February, 2017**.