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Postdoctoral scientist interested in plant ionomics  
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We are currently looking for a highly motivated postdoctoral scientist to join our research on ionomics of mycorrhizal plants. Ionomics requires the application of elemental analysis technologies (e.g. ICP-MS) and their integration with both bioinformatic and genetic tools. The ideal candidate is interested to work in an international research team on fundamental biological processes in plant membrane transport – root symbiosis, and has experience in ICP-mass spectrometry and ideally plant genetics and plant molecular physiology (Rausch et al., *Nature*, 2001; Nagy et al., *Plant J*, 2005; Drissner et al., *Science*, 2007). Our research group is well equipped with state-of-the-art ICP-MS technology (Agilent 7700 Series) and further MS equipment (ESI-MS Applied Biosystems, and micrOTOF-Q, Bruker (in planning)).

The position is available immediately and the initial contract is for 2 years with optional extension and the possibility to develop to a junior group leader position. The salary is according TV-L E13. As the position is part of the “BioEnergy2021” program of the German Federal Ministry of Education and Research, the project offers an excellent scientific environment for successful research, networking and career development. The laboratory is located in the Cologne Biocenter, a newly established integrative research and teaching facility for biological sciences at the University of Cologne.

For more information visit [www.bucherlab.uni-koeln.de](http://www.bucherlab.uni-koeln.de) and [www.fz-juelich.de/ptj/bioenergie2021](http://www.fz-juelich.de/ptj/bioenergie2021).

Please send letter of application outlining research experience and interests, *curriculum vitae*, publication list, transcripts, and letters of recommendation preferably by email to [nina.zellerhoff@uni-koeln.de](mailto:nina.zellerhoff@uni-koeln.de) or through the post to Prof. Dr. Marcel Bucher, Cologne Biocenter, University of Cologne, Zùlpicherstrasse 47b, D-50647 Cologne.