

The **Cluster of Excellence on Plant Sciences** at the University of Cologne offers a full time

**Postdoctoral position on investigation of plant secondary metabolite regulons crucial in plant–microbe interactions**

The position is available from May 2015. The candidate will work on the own designed project in the framework of CEPLAS research area D.

**The position** is offered in the context of the German Excellence Initiative which promotes outstanding research at German universities. CEPLAS is a joint effort of University of Cologne, Heinrich Heine University Düsseldorf, Max Planck Institute for Plant Breeding Research Cologne and Forschungszentrum Jülich. Researchers of these institutions are pursuing inventive strategies for sustainable plant production. The position is located in the research teams of Prof. Dr. Ulf-Ingo Flügge and Prof. Dr. Stanislav Kopriva at the Botanical Institute of the University of Cologne.

The candidate will participate in the structured, 2-year CEPLAS Postdoc Programme. The programme aims at providing our postdoctoral fellows with the best possible skills and expertise to allow them to achieve their personal career goals in all areas. Programme components are (scientific) training, mentoring, coaching and networking with industry. For detailed information please visit [www.ceplas.eu](http://www.ceplas.eu).

**Job Description:** We are looking for PostDocs applying for this position with their own research ideas. The position aims to identify regulons for secondary metabolites such as glucosinolates and terpenes which are important for plant-microbe interactions. The future objective of CEPLAS research area D is to transfer such regulons as synthetic modules into plants in order to gain sustainable crop production.

**Your Qualifications:** Experience in the field of plant biology or plant-microbe interactions, experience in plant physiology, molecular biology techniques, and knowledge of plant secondary metabolite identification are highly desirable. Experience in working within scientific teams, scientific expertise and publications in international journals, capability to work independently and goal-oriented, knowledge of English in writing and speaking.

**Payment** is according to the German civil servant pay scale TV-L E13 with appropriate prerequisite. The position is initially for 2 years. A prolongation by own grant applications on the corresponding project is highly desirable.

**Applications** from disabled persons are welcome. Disabled persons with equal qualifications will be given priority. Applications from women are explicitly invited. Women with comparable qualifications will receive particular consideration, unless another applicant displays compelling reasons to prefer this person.

**Applicants** are requested to send their project proposal, curriculum vitae, description of previous professional activity, list of publications, copies of certificates and diplomas electronically as **one** pdf document to Prof. Dr. Ulf-Ingo Flügge ([ui.fluegge@uni-koeln.de](mailto:ui.fluegge@uni-koeln.de)) and Prof. Dr. Stanislav Kopriva ([skopriva@uni-koeln.de](mailto:skopriva@uni-koeln.de)) who should also be contacted for further information. The **deadline for application is 12.04.2015**.