

9 faculty positions at the Cluster of Excellence on Plant Sciences (CEPLAS)

Universities of Duesseldorf and Cologne, Germany

The Cluster of Excellence on Plant Sciences (CEPLAS) announces 9 faculty positions, 4 full professor (W3) and 5 tenure-track positions (W1/W2). The positions are affiliated with the Heinrich-Heine-University of Duesseldorf (HHU) or the University of Cologne (UoC) in Germany.

W3 Evolutionary Plant Genomics (HHU):

The successful candidate is expected to have a strong track record in using evolutionary and quantitative genomics approaches for the identification of gene functions that underlie complex traits.

W3 Plant Cell Biology & Biotechnology (HHU):

The successful candidate is expected to have a strong track record focussing on the understanding and/or re-designing of fundamental plant cell functions.

W3 Plant Biochemistry (UoC):

The successful candidate should have a strong record in plant biochemistry, preferably with a focus on secondary metabolism/ metabolomics.

W3 Terrestrial Microbiology (UoC):

The successful candidate will pursue an internationally recognised research programme with a strong focus on the community structure and function of the plant or soil microflora, preferably using genomic information.

W1/W2 Synthetic Microbiology (HHU):

The successful candidate is expected to develop a competitive re- search programme focussing on the production of plant natural pro- ducts in microorganism and/or on the field of genetic programming.

W1/W2 Microbial Ecological Genetics (UoC):

The successful candidate will pursue an internationally recognised research programme on ecological principles underpinning plant-mi- crobiome interactions. Priority will be given to candidates studying genetic and metabolic mechanisms.

W1/W2 Quantitative and Theoretical Biology (HHU):

The successful candidate is expected to complement the experimental approaches of CEPLAS through focussing on the deduction of design principles of complex biological systems using large-scale data sets.

W1/W2 Molecular Systematics (UoC):

The successful candidate will pursue an internationally recognised re- search programme in the field of trait diversification in flowering plants utilising phylogenetic and genomic information. Priority will be gi- ven to candidates studying developmental or reproductive processes.

W1/W2 Plant Genetics (HHU):

The candidate's research programme focusses on the functional ana- lysis of genetic programmes controlling organ development and/or plant architecture, preferably employing monocotyledonous model systems.

Positions include an attractive start- up package and access to a suite of state-of-the-art research facilities. During the funding period of the excellence initiative (5 years) the teaching load is reduced. Applicants must include a letter of interest, CV incl. publication list (reprints of five selected publications), statement of research and teaching interests, and contact information for at least three references. Applications should be addressed to the Dean of the Faculty of Mathematics and Natural Sciences and sent electronically to bewerbung@ceplas.de. Closing date for applications is 8 February 2013.

For further information please see: <http://ceplas.eu/en/open-positions/>