



CEPLAS

Cluster of Excellence on Plant Sciences

The Cluster of Excellence on Plant Sciences (CEPLAS) announces 3 faculty positions (temporary W2 position with tenure track to W3)

SMART Plants for Tomorrow's Needs

The Cluster of Excellence on Plant Sciences is a joint unit of Heinrich Heine University Düsseldorf, University of Cologne, Max Planck Institute for Plant Breeding Research Cologne and Forschungszentrum Jülich. CEPLAS is developing innovative science-based strategies for sustainable plant production. Our aim is to understand the mechanisms underpinning complex plant traits of agronomic relevance that impact on yield and adaptation to limited resources.

What We Offer

CEPLAS offers an international, interdisciplinary research environment where experimental and theoretical scientists jointly pursue common goals. To further strengthen and complement CEPLAS, we announce 3 faculty positions affiliated either to Heinrich Heine University Düsseldorf (HHU) or to the University of Cologne (UoC). Positions include an attractive start-up package and access to state-of-the-art research facilities. Applicants with transferable extramural funding and/or holding an extramurally-funded group leader position will be given preference. CEPLAS invites applications for:

W2/W3 Photosynthesis Research (HHU)

The successful candidate conducts an internationally competitive research program focusing on the molecular, (eco-)physiological and/or biochemical mechanisms underpinning the conversion of light energy into plant biomass.

W2/W3 Plant Metabolic Biochemistry (UoC)

The successful candidate conducts an internationally competitive research program in plant biochemistry, particularly focusing on protein biochemistry, structure/function relationship or enzyme evolution in orthologous systems or natural environment.

W2/W3 Metabolic Reconstruction and Flux Analysis (UoC)

The successful candidate conducts an internationally competitive research program integrating mechanistic

modelling with plant and microbe metabolism and pathway reconstruction, or -omics of natural systems.

Conditions for employment are, in addition to the general administrative conditions in accordance with §36 of the North Rhine-Westphalia University Law, an aptitude for teaching, exceptional competence in research, and additional scientific achievements.

At the latest in the fifth year after the appointment, a final evaluation is planned in accordance with the regulations for quality assurance in tenure track procedures of the universities (HHU/UoC), on the basis of which a decision will be made about a tenure to a W3 professorship.

Successful candidates are expected to actively participate in teaching in the respective study programs. During the funding period of the excellence strategy the teaching load is reduced. Applicants must include (1) a letter of interest, (2) CV incl. publication list (*please highlight 5 selected publications*), (3) statement of research and teaching interests, and (4) contact information for at least three references. Applicants for the positions at UoC address their applications to the Dean of the Faculty of Mathematics and Natural Sciences online at <https://professorships.uni-koeln.de>. Applications for the HHU position should be addressed to the Dean of the Faculty of Mathematics and Natural Sciences and sent in ONE pdf file electronically to bewerbungmnf@hhu.de. Reference number: **24.20-3.1**. Closing date for applications is **31.12.2020**.

In principle, the employments can also take place part-time, if no compelling official reasons are opposed in an individual case. All participating institutions are equal opportunity employers and strive for gender equality and diversity. Applications from individuals with backgrounds that are underrepresented in MINT disciplines are expressly welcome. Female candidates are encouraged to apply; they will be given preference in cases of equal aptitude, ability, and professional achievements unless there are exceptional reasons for choosing another applicant. Applications from suitably qualified severely disabled persons or people of equivalent status according to Book IX of the German Social Legal Code (SGB – Soziales Gesetzbuch) are encouraged.