

Postdoc on fungal effector biology

Institute for Plant Sciences / CEPLAS

The University of Cologne is one of the largest and most research-intensive universities in Germany, offering a wide range of subjects. With its six faculties and its interfaculty centres, it offers a broad spectrum of scientific disciplines and internationally outstanding profile areas, supported by the administration with its services.

The Terrestrial Microbiology lab studies plant – microbe interactions with a focus on biotrophic fungal pathogens. We invite self-motivated applicants for a Postdoc in fungal effector biology. The offered position is part of the ERC-funded project conVIRgens (ID: 771035), in which we study the effector repertoires of smut fungi in pathogenicity and host specificity.

YOUR TASKS

- » Study effector variation and host adaptation in smut fungi
- » Investigate the plasticity of fungal effector repertoires in host adaptation
- » Generate and functionally characterize fungal effector mutants
- » Develop your own research profile in effector biology

YOUR PROFILE

- » Fascination with genome evolution and virulence mechanisms of microbial plant pathogens
- » A PhD in Biology or comparable and documented expertise in microbial/fungal genetics are mandatory
- » Experience in plant-microbe interactions and genome analysis are appreciated
- » An interest in computational data analysis is appreciated
- » Excellent English skills, both written and spoken

WE OFFER YOU

- » a diverse and fair working environment
- » support in reconciling work and family life
- » flexible working time models
- » extensive advanced training opportunities
- » occupational health management offers
- » local transport ticket at a discount for UoC employees

The position is available from the 01.04.2020 on a full-time basis. The position is available for three years. If the applicant meets the relevant wage requirements and personal qualifications, the salary is based on remuneration group 13 TV-L of the pay scale for the German public sector.

The University of Cologne promotes equal opportunities and diversity in its employment relations. Women are expressly encouraged to apply and given priority in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We expressly welcome applications from individuals with severe disabilities or people of equivalent status. Severely disabled applicants of equal merit and qualifications will be given priority.

Please send your convincing application including brief statements on motivation, research interests, a CV, a list of publications, copies of certificates, and contact information for three referees by email (in one pdf-file) with the reference number Wiss2002-07 to Prof. Gunther Döhlemann (g.doehlemann@uni-koeln.de).

The application deadline is the 01.03.2020.