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 Hess Laboratory studies eukaryotic microbes that perforate the cell walls of algae/fungi to feed on the prey cell content. These ‘protoplast feeders’ are phylogenetically diverse, and the molecular background as well as the evolution of this specialised but widespread feeding strategy is still unresolved. The candidate will process and analyse transcriptome data from various protoplast feeders (e.g. vampyrellid amoebae, Idionectes, Orciraptor, Viridiraptor) and their bacterivorous relatives. The molecular data will be explored for highly expressed/regulated CAZymes, binding proteins, and cytoskeletal proteins which might be involved in the interaction with prey cells. In addition, the candidate will have the opportunity to develop and guide further RNA-seq experiments, and to participate in our biochemical studies on selected proteins.

WE OFFER YOU

» a young and innovative lab connecting explorative microbiology with state-of-the-art experimentation
» 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 now on a full-time basis (or part-time with at least 65% / 25.89 hours per week). It is limited to 30.04.2022 with the possibility of extension. 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 is committed to equal opportunities and diversity. Women are especially encouraged to apply and will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from people with disabilities / special needs or of equal status.

Please apply online at: https://jobportal.uni-koeln.de with proof of the sought qualifications (including a motivation letter). The reference number is Wiss2003-20. The application deadline is 15.04.2020.

For further details please contact: Dr Sebastian Hess (sebastian.hess@uni-koeln.de).