

PhD position: Aquatic Chemical Ecology – Univ. of Cologne, Germany

The Aquatic Chemical Ecology group in the Institute of Zoology at the University of Cologne is one of the leading groups in its field and offers excellent research facilities and an open collaborative atmosphere in an interdisciplinary team. We offer a 3-year funded PhD project about infochemicals in predator-prey interactions in freshwater. This project aims at identifying infochemicals from predators that induce defenses in *Daphnia*. It involves bioassays with *Daphnia* and instrumental analytics (HPLC, high-resolution mass-spectrometry). Within the framework of this project we are looking for a highly motivated PhD student.

Successful candidates should hold a master degree in Natural Sciences. Experience in instrumental analytics, metabolomics and plankton ecology are desirable. Experience in R is highly welcome. Proficiency in English is essential, additional knowledge in German is helpful, but not mandatory.

The position is available from October 2019 on a part-time basis (65%). It is limited to 3 years. If the applicant meets the relevant wage requirements and personal qualifications, the salary is based on remuneration group of the pay scale for the German public sector.

Applications should include a cover letter, C.V., and names and contact-details for two references. Please submit applications electronically (one pdf-file) to Prof. Eric von Elert (evelert@uni-koeln.de) with the reference number wiss1905-19 until June 15, 2019. Women are particularly encouraged to apply. Physically handicapped persons will be given preference in case of equal qualification.

For more details, see: https://www.stellenwerk-koeln.de/sites/default/files/pdf/university/wiss1905-19doktorand_phd.prof_v.elert_eng.dt_.pdf