

GEOMAR Helmholtz Centre for Ocean Research Kiel is a foundation of public law jointly financed by the Federal Republic of Germany (90%) and the state of Schleswig-Holstein (10%) and is one of the internationally leading institutions in the field of marine sciences. Currently GEOMAR disposes an annual budget of approx. 80 million Euros and has approx. 1000 employees.

The research unit “Ocean EcoSystems Biology (OEB)” of the research division “Marine Ecology” has two open positions as

Postdoctoral Researcher

Prof. Alexandra Worden’s group is searching for two vibrant postdoctoral researchers to join this growing research unit. Her lab’s primary focus is on innovations in marine science for investigating of unicellular eukaryotes, microbial interactions between eukaryotic cells and bacteria, archaea and viruses, and, more broadly, carbon cycling. A variety of approaches ranging from traditional oceanography to lab-based culture physiology work and genetics, genomics and targeted metagenomics are used to investigate these organisms, their ecological roles and interactions. For more information on research in OEB unit, please visit the unit’s website. The dynamic international team operates in English. We welcome and support diversity, an essential quality for all group members. We welcome scientists of all genders.

Job Description

We are looking for outstanding individuals with demonstrated interest in working at the interface between evolutionary and biological sciences, preferably with bioinformatic skills. Experience in developing knowledge of protistan/microbial phylogenetics, physiology, interactions and/or ecology is essential. Applicants should have a Ph.D. in a biological or computational field. Integrative analysis of different data types, including physiological characterization, has the potential to revolutionize our understanding of these microbes and genes of unknown function and is considered an important interest area for the successful candidate(s). At least one project focuses in interactions between eukaryotes and co-associated biological entities – through single cell genomics, sequencing, assembly and analysis alongside potential return to the environment to visualize interactions between uncultured taxa. The postdoc(s) should be comfortable with designing and performing rigorous experiments and have skills for e.g., analyzing transcriptomes and proteomes. The individuals should expect to develop and test new hypotheses from experimental and sequence data on specific controls/pathways. Desired start date is early 2020, with the possibility of a later start in specific cases.

Qualification

- Ph.D. in a biological or computational field is required
- Interest in developing knowledge of marine microbial populations and ecology is essential
- Skills for analyzing transcriptomes and proteomes is important
- Ability to design and perform rigorous experiments is essential
- English is a must

The initial appointment is for one year with a performance based expectation to extend to 2-3 years. The salary depends on qualification and could be up to the class 13 TVöD-Bund of the German tariff for public employees. This is a full-time position with the possibility to reduce the working hours to a minimum of 75% of a full-time position. Therefore the position cannot

be split. The fixed-term contract shall comply with Section 2 Paragraph 1 of The Act of Academic Fixed-Term Contract (German WissZeitVG).

GEOMAR Helmholtz Centre for Ocean Research Kiel seeks to increase the proportion of female scientists and explicitly encourages qualified female academics to apply.

GEOMAR is an equal opportunity employer and encourages scientists with disabilities to apply. Qualified disabled applicants will receive preference in the application process.

Please send your application for this post via email **in a single pdf-file**, including a cover letter (one page) to explain your interests and experiences as well as why OEB is the place for you, CV and the names and contact information of three references. Please mention the keyword "**OEB PR 1/2**" in the subject line and send your application not later than **February 15th, 2020** to the following email address:

bewerbung@geomar.de

As soon as the selection procedure has finished, all your application data will be removed according to data protection regulation.

For further information regarding the position and research unit please contact team assistant Kristin Voss (kvoss@geomar.de).

Please do not contact us by phone about the present state of procedures. However, we will answer all your questions if you send us an e-mail to bewerbung@geomar.de. In doing so, please refer to the keyword.

GEOMAR is a member of the Helmholtz Association and the German Marine Research Consortium (KDM). For further information please visit www.geomar.de or www.helmholtz.de.

GEOMAR is committed to a non-discriminatory personnel selection. Our job advertisements address all people.



The TOTAL E-QUALITY award is presented to GEOMAR for efforts in terms of human resource management aimed at providing equal opportunity.