

# Postdoc and Support Scientist Positions

in Ocean Ecosystems Biology (OEB) / Marine Microbial Processes

Two Postdoctoral Researchers and one Support Scientist are sought. Research interests in this unit range from examining roles of the tiniest biological entities in the ocean – viruses - all the way up to multicellular organisms like zooplankton that fuels fisheries. We are currently hiring for individuals to work with Prof. Alexandra Worden on innovations for investigating of unicellular eukaryotes, microbial interactions between eukaryotic cells and bacteria, archaea and viruses, and, more broadly, marine carbon cycling. A variety of approaches ranging from traditional oceanography to lab-based culture physiology work and genetics, genomics and targeted metagenomics are being used to investigate these microbes, their ecological roles and interactions.

We are looking for outstanding individuals interested in working at the interface between the evolutionary and biological sciences – with studies extending from the lab to field. For the postdocs experience in studying protistan/microbial phylogenetics, physiology, interactions, microbial diversity and/or ecology is essential. 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. Other projects focus on integrative analysis of different experiment/data types, including physiological characterization and protein functional characterization (using our *Micromonas* transformation system, now w/CRISPR). 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. Postdoc applicants should have a Ph.D. in a biological or computational field and preferably bioinformatic skills. The Support Scientist should have excellent interpersonal skills and a strong molecular biology background. This individual should have a B.S., M.S. or Ph.D. (the latter two preferred) or equivalent work experience in molecular biology, microbiology, or a related field and the position has long term possibilities. Desired start date is early 2020, with the possibility of a later start in specific cases.

For more information on research in OEB unit or Alexandra Worden (azworden @ geomar.de, remove spaces), please visit the unit's website and/or her personal page at GEOMAR. This dynamic international team operates in English. We welcome and support diversity, an essential quality for all group members.

For the official job announcements, please see:

<https://www.geomar.de/en/service/karriere/job-single-en/article/postdotorandinnen-postdotoranden-mwd/>

<https://www.geomar.de/en/service/karriere/job-single-en/article/wissenschaftlerin-wissenschaftler-mwd/>