Postdoctoral Research Associate in Microbial Ecology

The Marine Biological Association (MBA) is an independent research institute carrying out leading-edge research in fundamental and strategic areas of marine biology. We are looking for a highly motivated and independently working postdoctoral research scientist with interests in microbial ecology to be part of the five year European Research Council (ERC) funded MYCO-CARB project. The MYCO-CARB project will combine complementary methodologies to determine the underpinning biological machinery and ecological roles of marine fungi, including establishing their importance in the marine carbon cycle.

Applicants should have a PhD and a strong conceptual and practical background in microbial ecology. The successful candidate will undertake research using a range of contemporary tools to explore the diversity and functional roles of marine fungi. Experience in some of following areas will be an advantage: collecting and processing seawater for RNA/DNA-based microbial diversity assessment, flow cytometry, fluorescent in situ hybridization (FISH), application of isotope-based tools (e.g. stable isotope probing, PFLA analysis) and metatranscriptomics with associated bioinformatics. Specific experience with fungi or marine microbes is not essential.

The role includes research cruises in the UK and overseas. Proficiency in spoken and written English is mandatory. The post is available for 1 year initially with extension to 5 years. The candidate must be eligible to work in the UK. Salary £24,285 to £28,936.

Informal enquiries are strongly encouraged via Dr Michael Cunliffe (micnli@mba.ac.uk).

Application process: Applicants for the position should send a CV (including brief description of research interests, background, previous employment and publication list) and contact details for at least two references to hr@mba.ac.uk (marked Postdoc Microbial Ecology). The deadline for applications is 16th March 2018. Interviews will take place in late March. The successful candidate would be expected to be in post as soon as possible. For further details on this vacancy and essential information on how to apply, visit our Job Vacancies page at http://www.mba.ac.uk/about/vacancies.