

Job announcement (Bio-01/2018)

The Department Biological Oceanography of the Leibniz Institute for Baltic Sea Research Warnemünde (IOW) is offering a full-time (40 hrs/week) position as

Postdoctoral Researcher

starting on the **1st of April 2018**. Remuneration is paid in accordance with the TV-L salary scale at level EG 13 monthly gross salary. The employment is temporary for **27 months**. Part-time employment is possible provided that the day-to-day performance of the tasks is ensured by job sharing.

The IOW is an independent institute of the Leibniz Association, engaged in system analysis of coastal and marginal seas, with special focus on the Baltic Sea. The scientists of the four departments (Physical Oceanography, Marine Chemistry, Biological Oceanography and Marine Geology) cooperate within the framework of a joint research program.

Job description

The position focuses on the vector function of microplastics for microorganisms within the frame of the BONUS project MICROPOLL ('Multilevel assessment of microplastics and associated pollutants in the Baltic Sea'). The interdisciplinary and international project explores sources, sinks, and the ecological impact of microplastics in the Baltic Sea. The advertised position will investigate the role and function of microplastic biofilms using standard microbiological methods, high-throughput sequencing (amplicon and 'omics' based), quantitative PCR, and potentially microscopic methods (SEM, FISH). The candidate will process biofilm samples in the laboratory and subsequently perform bioinformatical and statistical analyses of sequence data. Part of the position will also be the autonomous organisation and set-up of lab and field experiments, assistance with research cruises, and supervision of students. It is expected that the candidate regularly publishes in scientific journals and presents the project results on scientific conferences. The interdisciplinary project character requires flexibility and willingness to work as part of a team.

Qualification

The successful candidate is required to have (or be on the verge of completion of) a PhD in microbial ecology, molecular biology, microbiology, or related fields. Significant experience in laboratory work with nucleic acids, analysis of high-throughput sequencing (including 'omics') data, and the autonomous organisation of lab and field experiments are strongly preferred. The ideal candidate has experience in the field of microbial biofilms. Knowledge in scientific writing and presentation, fluent English speaking and writing skills, and the ability to work independently as well as in a team are expected.

Applicants are asked to send their complete applications (CV, publication list, copies of certificates, references) quoting the

code: **MICROPOLL**

until **27. February 2018** to:

bewerbung.biologie@io-warnemuende.de

or

Leibniz Institute for Baltic Sea Research Warnemünde

Dept. Human Resources

Seestraße 15

D-18119 Rostock

Germany

Applications of disabled persons with same professional and personal qualification will be treated preferentially. Please indicate a handicap in the cover letter and enclose the relevant certificate.

The IOW promotes equal opportunities and has been awarded the Total Equality Certificate in 2013 and 2016. Applications of female candidates are expressly encouraged and will be treated preferably in case of equal qualifications and suitability.

The Leibniz Institute for Baltic Sea Research offers a varied work in the immediate vicinity of the Baltic Sea. Interdisciplinary research topics on the Baltic Sea ecosystem, broad in-house expertise in physical, chemical and biological oceanography, and marine geology, state-of-the-art-laboratory equipment and infrastructure together with modern facilities provide an excellent framework for best research conditions.

Application and travel costs cannot be reimbursed.

For further information please contact:

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or visit our website: www.io-warnemuende.de