



Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

The Faculty of Mathematics, Informatics and Natural Sciences, Department of Biology invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT

“PHD-PROJECT: MOLECULAR STRESS RESPONSES IN ESTUARINE FISH AND EFFECTS ON CARBON CYCLING”

- SALARY LEVEL 13 TV-L -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on January 1, 2021.

This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of three years. The position calls for 65 % of standard work hours per week*.

RESPONSIBILITIES:

Duties include academic services in the project named above. Research associates may also pursue independent research and further academic qualifications.

SPECIFIC DUTIES:

The PhD student will be a member of the DFG funded Research Training Group BiCEst (Biota-mediated effects on Carbon cycling in Estuaries) and the lab of Molecular Animal Physiology. The PhD student will investigate the molecular stress response in fish and the consequences for carbon cycling. Experiments will include transcriptome analysis to identify the genes related to stress responses and metabolic levels in fish captured in the different salinity gradients of the Elbe estuary and monitor the status using qRT-PCR on established markers. Laboratory experiments to examine the specific adaptation found in the transcriptomes in estuarine fish using transfected cell lines will be performed.

* Full-time positions currently comprise 39 hours per week.

REQUIREMENTS:

A university degree in a relevant field, i.e., Biology, Geosciences, or Environmental Sciences. The successful candidate should have sound knowledge and experience in the methods of molecular biology and with NGS techniques and their analysis. Also experience in cell culture is desirable. Team spirit, ability of scientific writing and at least basic knowledge on bioinformatics are required. Good oral and written English skills are necessary.

The Free and Hanseatic City of Hamburg promotes equal opportunity. As men are currently underrepresented in this job category at Universität Hamburg according to the evaluation conducted under the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HambGleiG), we encourage men to apply for this position. Equally qualified and suitable male applicants will receive preference.

Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

For further information, please contact andrej.fabrizius@uni-hamburg.de or consult our website at www.grk2530-bicest.uni-hamburg.de. The selection procedure includes two steps: In a first step, qualified candidates will be identified based on the written applications. In a second step, the candidates who successfully passed step 1 will be invited to a three days selection workshop (presumably digital). This workshop is scheduled for September 14-16, 2020.

Applications should include a motivation letter, a tabular curriculum vitae, copies and transcripts of degree certificate(s) and a summary of the MA thesis. Please send the applications as one pdf-document by August 1, 2020 to: grk-bicest.biologie@uni-hamburg.de.

Please do not submit original documents as we are **not** able to return them. Any documents submitted will be destroyed after the application process has concluded.