

## RESEARCH GRANT (BI) (1 vacancy)

### Reference: 2022\_095\_BI\_CONNECT2OCEANS

A competition is open for the attribution of 1 Research Grant in the framework of the project "Connecting Atlantic and Arctic Oceans to Decipher Climate Change Impact on Plankton Microbiome Functions" with the reference PTDC/CTA-AMB/4946/2020, supported by Portuguese Science and Technology Foundation through national funds, according to the following conditions:

#### 1. Scientific area: Environmental Sciences

#### 2. Admission requirements

- vi) The candidates must hold a degree in Environmental Sciences, Biogeochemistry, Biology or related field with classification equal or higher than 16 values (in 20);
- vii) Able to be enrolled in a master programme in Environmental Sciences or on a non-academic degree course integrated in an educational project developed by a higher education institution in association or cooperation with one or more R&D units;
- viii) Scientific and technical knowledge about the diversity and metabolisms of microbial communities from Polar environments.
- ix) Experience in analyzing data generated from NGS tools using bioinformatics pipelines and downstream analysis for prokaryotes diversity, taxonomic and function analysis (e.g metabarcoding, metagenomics, metatranscriptomics);
- x) Experience in processing environmental DNA samples in illumina or other NGS platforms.
- xi) Technical and scientific knowledge on marine microbial communities sampling and laboratory processing.

In the event the degree was awarded by a foreign higher education institution, said degree must comply with the provisions of Decree-Law no. 66/2018 of 16th August until the signature of the contract.

#### 3. Work plan

The candidate will be involved in scientific activities with the aim of generating a data archive of taxonomic diversity and functionality of Arctic Ocean microbiomes using genomics, metagenomics and biogeochemical methodologies. Next-generation sequencing and real-time PCR methodologies will be used as primary tools. The work will also involve the use of bioinformatics pipelines and data analysis and organization.

#### 4. Legislation and official rules

Law n°. 40/2004, 18th August (Research Fellowship and Studentship Regulation) and amended by Law No. 202/2012, 27th August; Regulations for Studentships and Fellowships of the Fundação para a Ciência e a Tecnologia, I.P. and CIIMAR Grants Regulation.

## 5. Work place

The work will be carried out at CIIMAR, Edifício do Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos, s/n, 4450-208 Matosinhos, within Microbiome ecology and biogeochemistry research team, under the scientific supervision of PhD Catarina Magalhães.

## 6. Duration of the contract

Duration of eleven (12) months, starting December 2022, under the regime of exclusive dedication, eventually renewable according to legal terms.

**7. Monthly maintenance stipend:** The monthly maintenance allowance is € 875,98, in agreement with the monthly maintenance stipend table of the grants directly attributed by FCT, I.P. within the country (<https://www.fct.pt/apoios/bolsas/valores.phtml.en> ).

## 8. Selection methods

The first ranking of candidates will be performed after a CV evaluation based on:

- The Degree grade plus scientific area: 60%;
- Experience in the research field: 40%.

If necessary an interview will be done to the three top candidates, after which a final ranking will be performed based on:

- CV and experience in research field the evaluation: 80%;
- Interview: 20%.

## 9. Composition of the jury:

President of the jury: Catarina Magalhães, PhD

Vogal: Miguel Semedo, PhD

Vogal: Ana Paula Mucha, PhD

## 10. Form of advertising/notification of results

The results of the evaluation will be published on the website of CIIMAR and sent by e-mail. The candidates have a 10-working day term in which to contest the decision, if he/she so wishes, as provided for in the "Código do Procedimento Administrativo" in a preliminary hearing setting. The jury reserves the right not to assign the research grant if none of the candidates meet all the requirements and match the desired profile.

## 11. Deadline for application

The competition is from **11/11/2022 until 24/11/2022**. The applications must be formalized, compulsorily, by sending the following documents:

detailed Curriculum vitae including e-mail address and phone number, and mentioning clearly the academic grades and the relevant research experience;

copy of the eligibility certificates;

motivation letter;

evidence of enrolment in a master program or non-academic degree course;

indication of the reference of the competition (as indicated in this announcement).

The applications must be sent by e-mail to: [rh@ciimar.up.pt](mailto:rh@ciimar.up.pt) with the offer reference in the subject line: “**2022\_095\_BI\_CONNECT2OCEANS**”. The applications that do not include all the elements previously indicated will not be considered.

**12. Non-discrimination and equal access policy:** CIIMAR actively promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, benefited, impaired or deprived of any rights whatsoever, or be exempt of any duties based on their ancestry, age, sex, sexual preference, marital status, family and economic conditions, instruction, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership.

Pursuant to Decree-Law no. 29/2001 of 3 February, disabled candidates shall be preferred in a situation of equal classification, and said preference supersedes any legal preferences. Candidates must declare, on their honour, their respective disability degree, type of disability and communication/expression means to be used during selection period on their application form, under the regulations above.