

## RESEARCH GRANT (BI) (1 vacancy)

**Reference:** 2022-030\_BI\_M\_PERMAMERC

A competition is open for the attribution of 1 Research Grant in the framework of the project "PERMAMERC - Mercury Biogeochemistry, Fate and Impact in Permafrost Thaw Ecosystems" with the reference PTDC/CTA-AMB/4744/2020, supported by Fundação para a Ciência e a Tecnologia (FCT), according to the following conditions:

**1. Scientific area:** Biology

**2. Admission requirements:**

i) The candidates must hold a degree in Biology (with a classification equal or higher than 14 values (in 20) and a Master degree in Marine Sciences and Marine Resources (with classification equal or higher than 18 values (in 20), and be enrolled in a PhD programme **or** in a non-degree course integrated in the educational project of a higher education institution, developed in association or cooperation with one or several R&D units. If the applicant is not yet enrolled, she/he must meet the requirements to register; enrolment will be mandatory and proof necessary **only at the moment of scholarship contracting**.

ii) Experience in analyzing data generated from NGS tools using bioinformatics pipelines and downstream analysis for prokaryotes;

iii) Technical knowledge in experimental design, laboratory activities and environmental sampling.

*Note: In the case of enrolment in courses that do not confer academic degree, the research grant can only be awarded to those who do not exceed, with the signing of the research grant contract in question, including possible renewals, an accumulated period of two years in this type of grant, consecutive or interpolated.*

Academic degrees awarded by a foreign higher education institution must comply with the provisions of Decree-Law no. 66/2018 of 16<sup>th</sup> August, which approves the legal regime of recognition of academic degrees and diplomas of Higher Education, attributed by foreign higher education institutions, being any formalities established therein fulfilled **only by the date of the contracting act**.

**3. Work plan:**

The candidate will be involved in research activities in order to study the microbial communities in permafrost environments with a main focus on the identification of microorganisms responsible for the dimethylation and mercury reduction processes. The work will involve next generation sequence (NGS)

technology analysis based on 16S rRNA-gene sequencing and metagenomics as well as statistical analysis of the results and the use of bioinformatic pipelines.

#### **4. Legislation and official rules:**

Law n.º. 40/2004, 18th August (Research Fellowship and Studentship Regulation) in its current version; Regulations for Studentships and Fellowships of the *Fundação para a Ciência e a Tecnologia*, I.P. and CIIMAR Grants Regulation approved by FCT.

#### **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 Ecobiotec research team, under the coordination of Doutora Catarina Magalhães.

#### **6. Duration of the contract:**

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

#### **7. Monthly Maintenance:**

The monthly maintenance allowance is 1.144,64 € (one thousand one hundred and forty-four euros and sixty-four cents), 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>). Payment will be made by bank transfer. In addition to this allowance, the grantee will be covered by a personal accident insurance.

#### **8. Selection methods:**

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

- The Degree grade plus scientific area: 50%;
- Experience in the research field: 50%.

The evaluation process may include an interview with the first three graders, which is intended to clarify aspects related to the results of their research, in which case the interview weighs 10% and the previous evaluation weighs 90%.

The jury reserves the right to not assign the research grant if none of the candidates meets all requirements and match the desired profile.

#### **9. Composition of the jury:**

President of the jury: Catarina Magalhães  
Vogal: Ana Paula Mucha

Vogal: Fátima Carvalho

#### **10. Form of advertising/notification of results:**

The final results of the evaluation will be published through a list sorting the candidates according to their attributed mark, on the CIIMAR website and by e-mail; After the announcement of the results, candidates are considered automatically notified to, if they wish to do so, comment on the results on a preliminary hearing period within 10 working days after that date, as provided for in the *Código do Procedimento Administrativo*. The jury reserves the right to not assign the grant depending on the quality of the applications.

In case of resignation or withdrawal of the selected candidate, the next candidate with the highest evaluation score will be notified immediately.

#### **11. Deadline for application:**

The competition is open from **03/03/2022 until 16/03/2022**. The applications must be formalized, compulsorily, by sending the following documents:

1. Curriculum Vitae;
2. Copy of the eligibility certificates;
3. Motivation letter

The applications must be sent by e-mail to: [rh@ciimar.up.pt](mailto:rh@ciimar.up.pt), with the reference “2022-030\_BI\_M\_PERMAMERC” in the subject line. 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.