

RESEARCH GRANT (BI) - 1 vacancy

Reference: 2023-094-BI- 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 Molecular Biology (with a classification equal or higher than 14 values (in 20);
- ii) Experience in analyzing data generated from NGS (metabarcoding and metagenomics) tools using bioinformatics pipelines and downstream analysis for prokaryotes;
- iii) Technical knowledge in experimental design, laboratory molecular techniques and environmental sampling of microbial communities.

The candidate should be enrolled in a Master or integrated Master degree or be enrolled 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.

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 16th 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 no. 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 Ecobiotec research team.

6. Duration of the contract

Duration of nine (9) months, starting 1 October 2023, under the regime of exclusive dedication, eventually renewable according to legal terms.

7. Monthly Maintenance

The monthly maintenance allowance is 930,98 (nine hundred and eighty nine Euros and seventy cents – Tax Free), in agreement with the monthly maintenance stipend table of the grants directly attributed by FCT, I.P. within the country (https://www.fct.pt/wp-content/uploads/2023/02/Tabela-de-Valores-SMM_2023.pdf).

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 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 open between 10 until 24 august 2023. The applications must be formalized, compulsorily, by sending the following documents:

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

Applications must be sent by e-mail to rh@ciimar.up.pt. 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.