

RESEARCH GRANT (BI) (1 vacancy)

Reference: FeedMi BI 2021-080

A competition is open for the attribution of 1 Research Grant in the framework of the project "FEEDMI - MELHORIAS NA RESISTÊNCIA A DOENÇAS, STRESS E SUSTENTABILIDADE AMBIENTAL EM SISTEMAS DE AQUACULTURA ATRAVÉS DE FERRAMENTAS NUTRICIONAIS E DE MODULAÇÃO DAS COMUNIDADES MICROBIANAS" with the reference 39948, supported by Portugal and the European Union through FEDER/ERDF, CRES Algarve 2020 and NORTE 2020, in the framework of Portugal 2020, 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));
- . 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.

The candidate must be able to enroll in a PhD program or 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, at the time of application.

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

The candidate will be involved in research activities in order to study the water quality of recirculating aquaculture systems in terms of physico-chemical and microbial parameters as well as to characterize RAS system and fish microbiomes. Manipulative experiments to optimize and increase the efficiency of RAS biofilter will be also an important activity of this project. Inorganic nutrient analysis as well as next generation sequence (NGS) technology based on 16S rRNA-gene sequencing analysis will be used as major methodological tools. The work will also involve 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 three (3) months, starting December 2021, under the regime of exclusive dedication, eventually renewable according to legal terms.

7. Monthly Maintenance

The monthly maintenance allowance is € 1 104,64 (one thousand one hundred and four euros and sixty four 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/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: 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: Ana Paula Mucha

Vogal: Catarina Magalhães

Vogal: Joana Fernandes

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 **2 until 15 November 2021**. 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.

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.

