

RESEARCH GRANT (BI) - 1 vacancy

Reference: 2022_023_BI-M_SER-JR

A competition is open for the attribution of a research grant within the R&D Institution CIIMAR (Interdisciplinary Centre of Marine and Environmental Research), according to the following conditions:

1. Scientific area: Biological Sciences.

2. Admission requirements

The candidate must fulfil the following conditions:

- MSc in biology, aquatic sciences, or similar areas; and
- Laboratory animal sciences: aquatic organisms' certification (Cat. B or C).

The candidate must be able to enrol 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. Enrolment will be mandatory and proof necessary only at the moment of scholarship contracting

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.

Preferred conditions: Previous experience in the construction and assembly of aquaculture systems. Proficiency in manipulation of various environmental factors, such as temperature, pH, salinity and oxygen, adapted to the support of early life stages, juvenile and adult organisms. Analytical knowledge for the determination of different environmental pollutants, namely Rare Earth Elements (REE), in ICP-MS. Experience in constructing of statistical models to explain biological variables in R, STATISTICA and InVivoStat. Sailing and diver licenses. Article publications in indexed journals of national and/or international circulation.

3. Work plan

The work plan will be developed in the framework of CIIMAR's strategic plan, including the following tasks: (i) To carry out exposure experiments with aquatic organisms to several emergent contaminants, such as REE; (ii) To quantify accumulation and elimination and determine additional endpoints; (iii) Data analyses and reports elaboration; (iv) Science communication.

4. Legislation and official rules:

Law no.40/2004, 18th August (Research Fellowship Holder Statute) in its current version; Regulations for Studentships and Fellowships of the *Fundação para a Ciência e a Tecnologia, I.P.* and CIIMAR Grants Regulation.

5. Workplace:

The work will be carried out at the Portuguese Institute of the Sea and Atmosphere, IPMA, IP, with headquarters located in Av. Alfredo Magalhães Ramalho, 6, 1495-165 Algés and Endocrine Disruptors and Emerging Contaminants (EDEC) Group of CIIMAR, with headquarters located in Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos, s/n, 4450-208, Matosinhos, and FCUP, under the scientific supervision of Dr. Joana Raimundo and Prof. Miguel Santos, respectively.

6. Duration of the grant:

Duration of 6 months, starting in March 2022, eventually renewed until the end of the work, under the regime of exclusive dedication.

7. Grant value:

The monthly maintenance allowance is 1.104,64€/month, 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>, by bank transfer payment.

8. Selection methods:

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

C1 – academic qualification (40%);

C2 – Experience in the field (40%);

C3 – motivation letter (20%);

Each criterion will be scored from 1 to 10, and the candidates will be ranked based on the following formula:

$$CE = 0.4 \times C1 + 0.4 \times C2 + 0.2 \times C3$$

The evaluation process may include an interview with the three top candidates, after which a final ranking will be performed based on:

$$CF = 0.8 \times CE + 0.2 \times E$$

9. Composition of the jury

Effective members:

Dr. Joana Raimundo

Prof. Miguel Santos

Dr. Miguel Caetano

Substitutes:

Dr. Teresa Neuparth

Dr. Joana Soares

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; in case of disagreement, the candidates have a 10-working day term in which to contest the decision, if they so wish, as provided for in the *Código do Procedimento Administrativo* in a preliminary hearing setting. The jury reserves the right to not assign the grant depending on the quality of the applications.

11. Deadline for application and presentation of applications:

The competition is open from **25/1/2022 until 7/2/2022**. The applications must be formalized, compulsorily, by sending the following documents: detailed *Curriculum vitae*, copy of the eligibility certificates, and motivation letter.

Applications must be sent by e-mail to: rh@ciimar.up.pt with the reference on the subject. The applications that do not include all the elements previously indicated will not be considered.