

Research Grant (BI) (1 vacancy)

Reference: 2022_010_BI_LEGATEE

A competition is open for the attribution of 1 Research Grant in the context of the project "LEGATEE- Parental immune priming and *in ovo* delivery of immunostimulants applied to aquaculture of fish larvae", with the reference PTDC/CVT-CVT/3205/2020, within the R & D Institutions CIIMAR (Interdisciplinary Centre of Marine and Environmental Research), supported by national funds through FCT/MCTES, I.P., according to the following conditions:

1. Scientific area:

Biological Sciences.

2. Admission requirements:

The candidate must hold a Master degree in Biology, Molecular and Cellular Biology, Biochemistry, Biotechnology, Marine Sciences - Marine Resources, Veterinary Medicine or related areas, and be enrolled in a Doctoral Program **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**.

Note: In the case of masters who are enrolled 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**.

Preference will be given to candidates with previous experience working in a laboratory and a good understanding of immunology, molecular biology and biochemistry. Experience in techniques relatives to isolation of nucleic acids, gene expression (RT-PCR, qPCR), protein analysis (total protein measurements, SDS/NATIVE-PAGE) and maintenance of model fish (zebrafish/medaka) stocks are an advantage but not essential. The applicants should be able to: (1) do research within the scientific scope of the project, which should result in scientific publications; (2) contribute to the preparation of technical and scientific reports, as well as in the dissemination of the main results of the project.

Candidates are expected to be highly self-motivated individuals, willing to pursue a doctoral degree, who enjoy working as part of a collaborative team on challenging projects. Strong communication (fluency in English) and teamwork skills are essential.

Funded by:

3. Work plan:

The selected candidate will join the Animal Health and Aquaculture team (A2S) and perform research aiming to study transgenerational immunity in fish. The candidate is required to: a) generate and process samples from challenged larvae whose parents have been immune trained; b) PCR and qPCR analysis; c) chromatin immunoprecipitation, DNA purification and preparation of DNA libraries for NGS; d) protein isolation and fragmentation; e) analysis of large sets of genomic and proteomic data derived from shotgun sequencing.

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, integrated in the Animal Health and Aquaculture team, under the coordination of Dr. Ana Rocha.

6. Duration of the contract:

Duration of 6 (six) months, with a provisional start on February, 2022, under the regime of exclusive dedication.

7. Monthly salary:

The monthly maintenance allowance is 1.104,64 € (one thousand one hundred and 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 ranking of candidates will be done based on an evaluation of the Curriculum Vitae (EC) performed according to the following criteria:

EC = [50%M+45%ERA+5%ML]

M - Average of the classification obtained in Graduation and Master degree: 50%.

ERA - Demonstrated experience in the requested areas: 45%

ML - Motivation letter: 5%.

Funded by:

In the second phase and after the sorting of the candidates following CV evaluation, there will be an interview to the maximum of three candidates if they are separated by less than 10% according to the jury criteria. All the factors will be pondered according to the formula: $INT = 30\%$

The final score (CF), expressed in a number from 0 to 20, will weight in the Curriculum Vitae evaluation (70%) and the interview (30%): $CF = 70\%EC + 30\%INT$

If the candidates do not show up in the interview they will be withdrawal from the application, being excluded from the competition.

9. Composition of the jury selection:

President of the jury: Dr. Ana Rocha

Vogal: Dr. Benjamín Costas

Vogal: Dr. Maria Rita Motta de Sottomayor Azeredo Leme

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 and presentation of applications:

The competition is open from **January 10th until January 21th, 2022**. The applications must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum vitae, in Portuguese or in English;
- past research activities and its relevance to the current project explained in a motivation letter written in Portuguese or English;
- certificates (copy) of the previous academic degrees, specifying mandatorily the final classification. Only candidates who have completed the Master degree by the end of the application period will be admitted. If they do not yet have the official degree certificate, a declaration of honour from the candidate stating that he/she has completed the qualifications required by the end of the application period, will be accepted. At the time of the respective hiring the candidate must present the official degree certificate;
- For degrees obtained abroad, proof of recognition of academic degrees assigned by foreign higher education institutions and registration of the conversion of the final classification (GPA) to the Portuguese classification scale. Alternatively, the candidate's declaration of honour attesting to the request for recognition of degrees may be included;

Funded by:

- evidence of enrolment in a doctoral program or non-academic degree course, if applicable. Alternatively, the candidate's declaration of honour attesting the commitment to enrol in a Doctoral Program or a non-academic degree Course integrated in the educational project of a Higher Education Institution, if selected for the scholarship and accepted the award. Proof of enrolment in a doctorate or a non-academic degree Course integrated in the educational project of a Higher Education Institution is mandatory at the moment of scholarship contracting;
- contact e-mail address and phone number.

The applications must be sent by e-mail to: rh@ciimar.up.pt and anasantosrocha@ciimar.up.pt with the reference “**2022_010_BI_LEGATEE**” in the subject line. 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.