

Research Grant (BI) (1 vacancy)

Reference: ATLANTIDA_BI_2021_016

A competition is open for the attribution of 1 research grant in the framework of the Project **ATLANTIDA - Platform for the monitoring of the North Atlantic ocean and tools for the sustainable exploitation of the marine resources (NORTE-01-0145-FEDER-000040)** within the R&D Institution CIIMAR (Interdisciplinary Centre of Marine and Environmental Research), supported by NORTE2020 according to the following conditions:

1. Scientific area: Biological Sciences, Bioinformatics

2. Admission requirements

The candidates must hold a MSc in the field of in Bioinformatics or related fields, with a final classification of at least 16 values and work experience in Bioinformatics, and be enrolled in a doctoral program aiming at consolidating his scientific training through the development of research work leading to the achievement of the respective academic degree, or non-academic degree course integrated in an educational project of a developed higher education institution in association or cooperation with one or more R&D units. In detail the candidates must have and demonstrate training and/or experience in the following subjects:

- Experience in management and use of High-performance computer and software and/or programming languages (R or shell script);
- Knowledge in performing Mitogenomics/Genomics and evolutionary data analysis;
- Fluency (speaking and writing) in English;

The jury reserves the right to close the application in case none of the candidates meets the desired profile.

Cofinanciado por:

In the event the degree of the candidate 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.

3. Work plan:

The candidate will be involved in intensive bioinformatics work. The candidate will be expected to carry out several tasks including NGS dataset assembly, sequence analysis and comparative genomics through the development of genomic resources of various species that will be vital to assess genetic variation between populations and to identify candidate genes for environmental adaptation, assisting in investigating the effects of global changes in fisheries and related impacts.

4. Legislation and official rules:

Law n.º. 40/2004, 18th August (Research Fellow Statute) amended and republished by [Decreto-Lei n.º 202/2012](#), 27th August, and further updates; Regulations for Studentships and Fellowships of the Fundação para a Ciência e a Tecnologia, I.P. — Regulamento n.º 950/2019, de 16 de dezembro 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, Matosinhos, integrated in the Aquatic Ecology and Evolution Group, under the coordination of Dr. Elsa Froufe and Dr. Filipe Castro.

6. Duration of the contract:

Duration of one (1) year, starting in April, 2021, under the regime of exclusive dedication.

7. Monthly maintenance allowance:

The monthly maintenance allowance is €1104,64 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/docs/Tabela_Valores_SMM_LOE_2021.pdf. Payment will be made monthly by bank transfer. In addition to this allowance, the grantee will be covered by a personal accident insurance.

Cofinanciado por:

8. Selection methods:

The ranking of candidates will be performed by an initial evaluation based on:

- Evaluation of the Curriculum Vitae (EC) -100% (which is eliminatory);

The Evaluation of the Curriculum Vitae will be performed according to the following criteria:

- Value of the final MSc classification (MSc) - 30%.
- Published scientific manuscripts in the field, i.e., Mitogenomics/Genomics and evolutionary data analysis (PSW) – 30%
- High Performance (at least 16 values) in unit courses (of the Master) of Bioinformatics, Computation, Statistics and Programming (UC) - 30%
- Motivation letter (ML) – 10%.

The Evaluation of the Curriculum Vitae will be performed according to the following criteria:

$$EC = [30\%MSc+30\%PSW+30\%UC+10\%ML]$$

9. Composition of the jury selection:

President of the jury: PhD Elsa Froufe

Vogal: PhD Filipe Castro

Vogal: PhD Duarte Gonçalves

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;

Cofinanciado por:

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.

Based on the final sorted list of the candidates it will be made a reserve list that will be used for the future recruitment of grantees for this project.

11. Deadline for application and presentation of applications:

The competition is open from **15 until 28 april 2021**. The applications must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum vitae with clear specification of i) list of peer reviewed publications, books and/or reports proof the experience in the above-mentioned fields ii) list of the computer skills (software and/or programming languages for simulation and data analysis)
- copy of the eligibility certificates;
- evidence of enrolment in a doctoral program or non-academic degree course;
- motivation letter;
- copy of the published scientific manuscripts in the field, i.e., Mitogenomics/Genomics and evolutionary data analysis;
- one or more reference contact information of current or past supervisors;
- contact e-mail address and phone number;
- indication of the reference of the competition (as indicated in this announcement).
- any other documents that the candidates may recognize as relevant to demonstrate the adequacy to the function

The applications should be sent by e-mail to: rh@ciimar.up.pt and efroufe@ciimar.up.pt. Attachments should be limited to 5 MB total size. The applications that **do not include all** the elements previously indicated will **not be considered**.

Cofinanciado por: