

SELECTION PROCEDURE FOR CONTRACTING A TECHNICIAN (1 vacancy)

Reference: 2024_091_TS_MB4AQUA

A competition is open for the attribution of one work contract for the exercise of technical functions within the scope of the Project **MB4AQUA - Macroalgae biorefinery: a novel approach to produce sustainable feedstuffs and functional additives towards low carbon footprint aquafeeds**, reference **2022.06587.PTDC**, supported by FCT I.P. 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 should have a Bachelor's degree or integrated Master's degree in the field of Biological Sciences, Biological Engineering, Aquaculture, or similar with a final classification of at least 14 values and meet the requirements below:

- FELASA category B certification.
- Solid experience in “ex vivo” trials: experimental design and explant cultures.
- Solid experience in fish immunology.
- Solid experience in molecular biology.
- Solid experience in follow-up experiments with aquatic animals, including designing and maintaining fish rearing systems, particularly marine fish.
- Good skills in fish nutrition and physiology; fish blood sampling and blood biochemistry analysis; enzymatic activity analysis; histology and data processing and statistical analysis.
- Experience in the formulation and production of experimental diets for fish will be valorized.

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

In cases where the degree was awarded by a foreign higher education institution, the 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:

This project will involve the application of ex vivo methods and in vivo growth trials, which will include:

Maintenance of tissue explants in vitro;

- Preparation of cell culture media;
- Rearing of experimental fish and maintenance of experimental facilities;
- Production of experimental diets.
- Key activities in fish nutrition experiments will include:

Rearing of experimental fish;

- Maintenance of experimental facilities;
- Diet preparation;
- Collection of biological samples and their proximate analysis.
- Additional tasks encompass:

Biochemical analysis of fish blood and tissues;

- Enzyme activity assays;
- Gene expression analysis related to enzyme activity and immunological responses;
- Histological processing and tissue analysis.

Finally, the candidate will analyse statistical data, prepare reports, and contribute to drafting scientific publications.

The selected candidate will integrate a dynamic team of young researchers working on cutting-edge topics with the potential to produce high-impact scientific articles. Furthermore, the candidate can develop independent research projects, provided these align with the group's broader research objectives.

4. Legislation and official rules: Art. 140 n. 1 and n. 2, g) and 148 the Labor Code (Law 7/2009, of 12 February and respective updates);

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, and at Faculty of Sciences of Porto, Rua do Campo Alegre, s/n, 4099, 002 Porto integrated in the research team NUTRIMU, under the scientific supervision of Helena Peres.

6. Duration of the contract: An unfixed-term employment contract scheduled to start in February 2025.

7. Monthly salary: Equated to the higher technical career, level 15: gross monthly salary € 1 333.35; food, holidays and Christmas allowance apart.

8. Selection methods:

Candidates will first be ranked according to:

- Evaluation of curriculum vitae - 50%
- Experience in the proposed research area - 50%.

The evaluation process may include an interview, for the first 3 positions, with the only purpose of clarifying aspects related to the research results, with a relative weight of 30%, and the previous evaluation, with a relative weight of 70%.

9. Composition of the jury selection:

President of the jury: Helena Peres

Vogal: Aires Oliva-Teles

Vogal: Rui Magalhães

Substitutes

1. Paula Enes

2. Cláudia Serra

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 not to assign the vacancy 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 technicians for this project.

11. Deadline for application and presentation of applications: The competition is open from **8/1/2025 until 21/1/2025**. The applications cannot exceed 20 MB and must be formalized compulsorily by sending the following documents:

- Application with the indication of the competition reference (as indicated in this announcement).
- Detailed Curriculum vitae with clear specifications of i) a list of peer-reviewed publications, books and/or reports proving the experience in the fields as mentioned above ii) a list of the computer skills (software and/or programming languages for simulation and data analysis; new developed software)
- Copy of the eligibility certificates;
- Contact e-mail address and phone number;
- Any other documents that the candidates may recognize as relevant to demonstrate the adequacy of the function.

The applications should be sent by e-mail to: rh@ciimar.up.pt, with the offer reference in the subject. The applications that **do not include all previously indicated elements 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 honor, 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.