

## SELECTION PROCEDURE FOR CONTRACTING A TECHNICIAN (1 vacancy)

**Reference: 2023\_029\_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**, 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:** Any national, foreign and stateless candidate(s) who hold 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 16 values and meet the requirements below:

- FELASA category C certification;
- Solid experience in follow-up experiments with aquatic animals, including design and maintenance fish rearing systems and animals, in particular with marine fish;
- Good skills in: fish nutrition and physiology; fish immunology; growth trials with fish; fish blood sampling and blood biochemistry analysis; gene expression and enzymatic activity analysis; data processing and statistical analysis. Experience in formulation and production of experimental diets for fish will be valorized;
- Experience in biotechnological treatments of macroalgae and feedstuffs, namely solid-state fermentation technology.

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

In the event the degree was conferred by a foreign higher education institution, it 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:

- Optimize the conditions of solid-state fermentation of macroalgae to produce new fermented raw materials;
- Fermentation (solid state and submerged fermentation) of macroalgae;
- Solid state fermentation: Chemical analysis and enzymatic activity of macroalgae before and after fermentation. Fish nutrition experiments, namely: experimental fish rearing, experimental rearing facilities maintenance, diet production, biological samples, and proximate analysis;
- Biochemical analysis in blood and tissues, enzyme activity analysis, expression of genes involved in enzyme activity and immunology.

- Histological processing and analysis of tissues;
- Statistical analysis of data, reports, and paper preparation.

The candidate will integrate a team of young researchers working on novel subjects of high scientific interest, with the potential to produce high-impact articles. In addition, there is the freedom to develop independent work, as long as broadly within the research lines being conducted in the group.

**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 Dr. Helena Peres.

**6. Duration of the contract:** An unfixed-term employment contract scheduled to start in April 2023, under the legal terms in force (Labor Code).

**7. Monthly salary:** Equated to the higher technical career, level 15: gross monthly salary € 1268,04; 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 experience, 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 **17<sup>th</sup> until 30<sup>th</sup> march**. The applications must be formalized compulsorily by sending the following documents:

- Application with indication of the competition reference (as indicated in this announcement);
- Detailed Curriculum vitae with clear specifications of experience in the fields as mentioned above, 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](mailto: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 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.