Centro Interdisciplinar de Investigação Marinha e Ambiental

Terminal de Cruzeiros do Porto de Leixões
Avenida General Norton de Matos, S/N
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Announcement of a call for higher technician

Reference: 2025_099_TS_GreenOralVaz

A competition is open for the attribution of 1 technician position in the framework of the project

GreenOralVax (a Green, sustainable and nano-sized antigen-delivery platform for Oral Vaccination of fish in aquaculture): this project brings together a multidisciplinary team that believes extracellular vesicles are an efficient biological alternative for the protected scaffolding of proteins. The goal of GreenOralVax is therefore to develop effective and safe oral vaccines for the immunization of an economically relevant aquaculture species, the European seabass, by implementing EVs derived from non-pathogenic bacteria (cyanobacteria) as antigen delivery vehicles , funded by the European Regional Development Fund (FEDER) through the Competitiveness and Internationalization Operational Program (COMPETE 2030) and by national funds through the Foundation for Science and Technology, under the GA nº COMPETE2030-FEDER-00842400 (nr. 14867) , according to the following conditions:

1. **Scientific area:** Natural Sciences / Biological Sciences

2. **Admission requirements:**

To have a degree in Biology, Biochemistry, Bioengineering, or related areas. Preference will be given to candidates with experience in cyanobacterial cultivation, molecular biology techniques (cloning, RT-qPCR), documented acquaintance with synthetic biology principles, bacterial genetic engineering, and biochemistry methods (Western blotting, protein expression and purification, enzyme activity determination). Proficiency in spoken and written English, as well as good interpersonal skills in the context of a multidisciplinary research team, will be considered essential attributes.

3. **Work plan:** The selected candidate will work for the project in the following tasks:

1. DNA assembly, cloning, cyanobacterial genetic engineering, and strain characterization;
2. extracellular vesicle (EV) isolation and characterization from the engineered cyanobacterial strains;
3. selected cyanobacterial strain cultivation, and
4. screening for the EVs eliciting strongest immune responses in fish.

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

COMPETE 2030 PORTUGAL 2030 Cofinanciado pela União Europeia fct Fundação para a Ciência e a Tecnologia

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5. **Work place**: The work will be carried out at "Centro Interdisciplinar de Investigação Marinha e Ambiental" (CIIMAR), in the "Cyanobacterial Natural Products" group, under the supervision of Paulo Oliveira.

6. **Duration of the contract:** An unfixed-term employment contract scheduled to start on January 1st, 2026, under the legal terms in force (Labor Code).

7. **Monthly salary**: Equated to the higher technical career: Level 15- 1 389,93€, food holidays and christmas apart.

8. **Selection methods**: The evaluation will take into account:

Candidates will be ranked based on an evaluation of their CV according to the following criteria:

AQ: Academic qualifications relevant to the scientific field and their classification
EX: Experience in the topics identified in the "Admission requirements"

The candidate classification (CC) will be obtained using the following formula:

$$CC=AC=(AQ*65\%) +(EX*35\%)$$

If necessary, an interview may be held with the 3 best-ranked candidates. It will have a weight of 25% and CC will be translated into the following formula:

$$CC=AC*75\%+I*25\%$$

9. **Composition of the jury selection:**

President of the jury: Paulo Oliveira

Vogal: Cláudia R. Serra

Vogal: Catarina C. Pacheco

10. **Form of advertising/notification of results**: The final results of the evaluation will be sent through a list sorting the candidates according to their attributed mark, by e-mail; in case of disagreement, the candidates have a 10-working day term in which to contest the decision, if he/she

so wishes, as provided for in the Administrative Procedure Code in a preliminary hearing setting. The jury reserves the right to not assign the contract depending on the quality of the applications.

11. Deadline for application and presentation of applications:

The competition is open from 12 **until** 25 November 2025 **.** The applications must be formalized, compulsorily, by sending the following documents:

- Detailed Curriculum vitae;
- Copy of the eligibility certificates;
- Motivation letter outlining past research activities and their relevance to the position;
- One recommendation letter;
- Any other documents that the candidate may recognize as relevant;
- E-mail address and phone number.

Applications cannot exceed 20 MB and must be sent by email to rh@ciimar.up.pt with the reference 2025_099_TS_GreenOralVaz on the subject.

12. Non-discrimination and equal access policy:

CIIMAR actively promotes a policy of non-discrimination and equal access, by which no candidate can be privileged, can benefit or be put in disadvantage, or can be deprived of any rights or duties based on their social or cultural background, ethnic group or race, age, sex, sexual orientation, marital status, family status, economic status, education, social condition, genetic assets, reduced work capacity, disability, chronic disease, nationality, territory of origin, language, religion, political or ideological beliefs and unionization.

As set forth by the Decree Law 29/2001, the candidate with disability has preference if equally classified, which prevails over any other legal preference. The candidates with disability must declare in their application, on their word of honour, their degree and type of disability, and the means of communication/expression that are to be used in the selection process, as provided by the above-mentioned legal diploma.