

SELECTION PROCEDURE FOR THE CONTRACTING OF A SUPERIOR TECHNICIAN (2 vacancy)

Reference: 2025_050_TS_iculture

A competition is open for the attribution of 2 work contracts for a superior technician in the context of the project “iCulture - A digital bio-platform and co-culture bioprocess to prospect and utilize macroalgae responsibly and sustainably”, with the reference HE-101082010, within the R & D Institutions CIIMAR (Interdisciplinary Centre of Marine and Environmental Research), supported by Horizon Europe, according to the following conditions:

1. Scientific area: Biological Sciences / Bioinformatics / Computational Biology.

2. Admission requirements: The candidate must hold a degree in line with advanced genomics, bioinformatics analyses and related biological interpretations. Applicants should be proficient in English. In addition, candidates should have excellent academic credentials, have willingness for team work and be highly motivated and committed to work within the research field of genomics and bioinformatics.

It is a plus if the candidates have proven experience in one or more of the following expertise:

- Experience in genomics and other omics analyses at both small and large evolutionary scales;
- Experience in the computation of high volumes of omics data;
- Experience in bioinformatics and programming;
- Experience in machine learning;
- Experience in biological inferences from genomic and other omics (transcriptomic, proteomic, etc), including microbiomes assessments (metabarcoding, metagenomics).

Due to the multidisciplinary character of the iCulture project, candidates should be willing and motivated to expand their expertise beyond their background discipline(s).

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 with at the **contract signature**.

3. Work plan: The selected candidates will develop innovative research supporting the goals of the iCulture project, namely by assisting in state-of-the-art genomic and other omics analyses, from automated data gathering, genome annotation, gene mining and association with phylogenetics, functional pathways, phenotypic (host/microbiome) and environmental/ecological variables, using cutting edge bioinformatics, machine learning and artificial intelligence to foster research and industrial potential applications in macroalgae survey and sustainable use.



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, 4450-208 Matosinhos, integrated in the Evolutionary Genomics and Bioinformatics team, under the coordination of Prof. Agostinho Antunes.

6. Duration of the contract: Uncertain term contract, with a provisional start on September 2025, according to legal terms (articles no 140o, no 1 and no 3, h; and article no 148o, no 4 – Labour Code and article 6o, no 1 b) e no 3 from Decree-Law no 57/2016, of 29th August).

7. Monthly salary: Equated to the higher technical career, level 15: gross monthly salary 1.389,93€; food, holidays, and Christmas allowance apart.

8. Selection methods: The ranking of candidates will be performed by a global evaluation based on:

- Evaluation of the Curriculum Vitae - merit of the academic curriculum and performance: global appreciation considering the BSc and further enrolled studies, and its appropriateness to the position as well as the performance of the candidate in such degrees - 50%;
- Relevant experience and qualification for the proposed research area, motivation and research interest alignment with the goals of the project - 50%.

The evaluation process may include an interview, as long as their scores are higher than 7 out of 10, the interview is weighs 30% and the previous evaluation weighs 70%.

The jury reserves the right to not assign the research grant if none of the candidates meets all requirements and matches the desired quality profile.

9. Composition of the jury selection:

President of the jury: Prof. Agostinho Antunes

Vogal: Prof. Miguel Santos

Vogal: Dr. Guillermin Aguero-Chapin

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 **21-7-2025 to 01-08-2025**. The applications cannot exceed 3 MB and must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum Vitae in English including the e-mail address and phone number of the candidate as well as two reference contacts (name, e-mail and current position);
- a short (max two-page) description of past achievements, research interests and motivation to undertake this position in English;
- certificates (copy) of the previous academic degrees, specifying mandatorily the final classification;
- 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.

The applications must be sent by e-mail to rh@ciimar.up.pt and to Prof. Agostinho Antunes (aantunes@ciimar.up.pt), with the reference “2025_050_TS_iculture” in the subject line. The applications that **do not include all** the elements previously indicated will **not be considered**. The whole application should be **no bigger than 3 MB** and comprehend a **single pdf file**.

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.