

EMBRC-PT Technician – Platforms (1 vacancy)

Reference: EMBRC.PT/Tec-Sup/2018-092

The Interdisciplinary Centre of Marine and Environmental Research (CIIMAR) has a vacancy for a Technician to support technological platforms (genomics, proteomics and biodiversity pipeline) and its participation within the Portuguese node of the European Marine Biological Resource Centre (EMBRC-PT), financed by the European Regional Development Fund (ERDF) through COMPETE2020 - Operational Programme for Competitiveness and Internationalisation (POCI) and national funds through FCT/MCTES, under a work contract.

The EMBRC is a distributed research infrastructure that aims to provide a strategic delivery mechanism for excellent and large-scale marine science in Europe. The openness concept of the EMBRC will provide scientific services to the scientific community, national and international, academics and business. With its services, EMBRC will support both fundamental and applied research based on marine bioresources and marine ecosystems. In particular, EMBRC aims to drive forward the development of blue biotechnologies and provide the suitable research environment for users from academia, industry, technology and additional sectors.

1. Scientific area: Biological Sciences or Chemical Sciences

2. Admission requirements

- Master Degree in Biological Sciences, Chemical Sciences, Environmental Sciences, or related areas
- Experience in genomics and proteomics of microorganisms and in isolation of bioactive compounds.
- Fluency (speaking and writing) in English and Portuguese

3. Work plan

The Technician will be working in the teams: Blue Biotechnology and Ecotoxicology, Cyanobacteria Natural Products and Evolutionary Genomics and Bioinformatics of CIIMAR and will support the activities related with the genomics and proteomics as well as the biodiversity pipeline of CIIMAR. The work includes:

- support and develop the activities related to the studies of genomics and proteomics of microorganisms;
- management of the databases of extracts and new molecules;

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- management and implementation of the requests for new extracts;
- Collaboration in the bioassays and NMR assisted isolation of new compounds.
- Support the structure elucidation of new compounds.
- Elaborate reports, papers and other dissemination materials related to the platforms.

4. Legislation and official rules:

Law nº. 7/2009, 12th February (Labour Code) and following updates.

5. Work place:

The work will be carried out at CIIMAR headquarters, Edifício do Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos, s/n, Matosinhos, integrated in the Science and Innovation Office, and reporting to the CIIMAR Director.

6. Duration of the contract:

Duration of six (6) months, expected to start in february 2019, under the regime of exclusive dedication and full time, eventually renewable up to 12 months according to the end of the project and legal terms (articles n.º 140º, nº 1 and nº 2, h); and article n.º 148º, nº 1 - Labour Code).

7. Monthly maintenance stipend:

The gross monthly salary of approximately €1372 (one thousand three hundred and seventy two euros).

8. Selection methods:

Evaluation criteria are the following:

The Curriculum Evaluation (CE) focuses on the three parameters described below and the final classification is obtained by the following formula: $CE = 0.2 A + 0.7 B + 0.1 C$

1. Academic Qualifications (A)

Evaluation of the candidate's academic qualification and post-graduate training in areas relevant for the position: Biological Sciences, Chemical Sciences, Environmental Sciences
- A = 3 points, increased up to 5 points depending on candidate's post-graduate training in biodiscovery pipeline; Master in related areas - A = 1 point, increased up to 3 points depending on candidate's post-graduate training in biodiscovery pipeline.

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2. Professional experience (B)

The activities related with genomics and proteomics, and of the biodiscovery pipeline, developed over the last years, are evaluated. This evaluation is based on the parameters described below and their classification is obtained by the following formula: $B = 0,5 B1 + 0,5 B2$

2.1 Experience in genomics and proteomics (B1), including i) genomics; ii) proteomics, and iii) integrated studies; B1 = up to 5 points.

2.2 Experience in biodiscovery pipeline (B2), including bioassay and NMR guided compounds isolation and structure elucidation; B2 = up to 5 points.

3. Motivation Letter (C)

Evaluation of the candidate's motivation by means of the motivation letter describing the relevance of the CV to the position and to the personal career goals: C = up to 5 points.

The evaluation process includes a selection interview (SI), for candidates with a Curriculum Evaluation (CE) equal to or higher than 4 points. The interview will be classified in a scale of 0 to 5 values, considering the: knowledge and motivation for the exercise of the function, attitude and behaviour of the candidate in terms of capacity of work in team, capacity of conflict management, capacity of persuasion, presentation and trust, verbal fluency and expression, including coherence and clarity of discourse, vocabulary richness, comprehension and interpretation of the questions (in Portuguese and English).

The final classification system of the candidates will be the sum of the scores (CE + SI) obtained in the Curricula Evaluation and Selection Interview. The position shall only be awarded to candidates whose final grade is equal to or higher than 8 points.

9. Composition of the jury selection:

President of the jury: Agostinho Antunes

Vogal: Pedro Leão

Vogal: Alexandre Campos

Substitutes:

Olga Laje

Ralph Urbatzka

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 CIIMAR website and by e-mail;

Following 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 contract 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.

A reserve list, based on the final sequenced list of the candidates, will be made and used for future recruitment of contracts for this project.

11. Deadline for application and presentation of applications:

The competition is open from **8 until 21 January 2019**. Applications must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum Vitae with contact e-mail address and phone number
- copy of the eligibility certificates
- motivation letter with indication of the reference of the competition (as indicated in this announcement) and addressing the experience and skills requirements
- any other documents that the candidates may recognize as relevant to demonstrate the adequacy to the function

The applications that **do not include all** the elements previously indicated will **not be considered**.

The applications must be sent by e-mail to: secretariado@ciimar.up.pt.