

CONTRACTING OF A HIGHER TECHNICIAN (1 vacancy)

Reference: MIRRI POLO NORTE TEC SUP 2021-054

A tender is open for the attribution of an employment contract for a superior level 19 technician, holder of a bachelor degree, under the project - Projeto MIRRI Polo Norte - Consórcio do Norte da infraestrutura portuguesa para a investigação em Recursos Microbianos com a referência 84445, financiado pelo Norte 2020 - Aviso 04/SAICT/2020 - PROJETOS DE INFRAESTRUTURAS DE INVESTIGAÇÃO INSERIDAS NO ROTEIRO NACIONAL DE INFRAESTRUTURAS DE INVESTIGAÇÃO DE INTERESSE ESTRATÉGICO, under the following conditions: :

- 1. Scientific area:** Biological Sciences (Biology, Biochemistry, Biotechnology, Environmental Sciences and Technologies, Pharmacy or related areas)
- 2. Admission requirements:**

To be admitted to the competition, candidates must hold a bachelor's degree in the area of Biological Sciences (Biology, Biochemistry, Biotechnology, Environmental Sciences and Technologies, Pharmacy or similar areas). Candidates must master the English language. Applicants must also have excellent academic and professional credentials, a willingness to work in a team, and be highly motivated and oriented towards work related to supporting microbiological culture collections. National, foreign and stateless candidates with a scientific and professional curriculum that reveals an adequate profile for the activity to be developed, according to the place in the competition, may be contesting the competition. If the degree has been awarded by a foreign higher education institution, it must comply with the provisions of Decree-Law No. 66/2018 of 16 August, and any formalities established therein must be fulfilled until the signing of the contract.

- 3. Work plan:**

The selected candidate will join the MIRRI Polo Norte project team and BBE Blue Biotechnology and Ecotoxicology Group. The objective is to carry out work on the valorisation of the culture collection, bioactivity studies and the isolation of new molecules. The tasks will include the growth of cyanobacteria from the culture collection, extraction and fractionation techniques to produce extracts/fractions, analyses of bioactivities using phenotypic screening assays based on cells *in vitro* and on zebrafish larvae *in vivo*. Metabolite profiling will be employed for dereplication and prioritization of



bioactive fractions. The most bioactive fractions will be used for the isolation of responsible molecules and the elucidation of chemical structures.

The candidate will also have the tasks of preparing project reports and their deliverables, as well as participating in project meetings, preparing manuscripts and other forms of communicating results. Therefore, it is intended that the selected candidate has some knowledge of the areas of microbiology, bioactivity screening and natural products chemistry.

4. Legislation and official rules:

Article 140, number 2, line g) and article 148, number 4, of the Labor Code (Law 7/2009, of 12 February and respective updates).

5. Work place:

The selected candidate will work under the supervision of the researcher Ralph Urbatzka and Mariana Reis from the Blue Biotechnology and Ecotoxicology group. BBE is located at the headquarters of CIIMAR, in the modern Cruise Terminal of the Port of Leixões, in Matosinhos, in the metropolitan area of Porto. The successful candidate will work in an international and multidisciplinary environment with a strong connection to the marine environment.

6. Duration of the contract:

Employment contract for an uncertain term, starting in October 2021, on an exclusive basis.

7. Salary:

The gross monthly salary is €1411.67, in accordance with the Single Remuneration Table (level 19), food, holidays and Christmas allowance apart.

8. Selection methods:

An overall assessment (valued from 1 to 10) of the candidates' merit will be made through the evaluation of their professional career. In particular, experience with microalgae and cyanobacteria, extraction and fractionation of biomass, bioactivity screening *in vitro* and *in vivo*, metabolite profiling and chemical elucidation of natural products. This global assessment will result in a pre-selection of the three best-ranked candidates, which will be communicated to the candidates. The jury will select the best candidate for the position in the competition. The interview to the top three classifieds is intended to clarify aspects related to the professional and/or curricular path, in which



case the interview has a weight of 20% and the previous evaluation weight of 80%. The evaluation of the scientific and curricular path focuses on the relevance, quality, timeliness and adequacy to the project area of the project management and/or science and technology management activities of the last five years considered most relevant by the candidate. The period of five years referred to in the preceding paragraphs may be increased by the jury, at the request of the candidate, when based on suspension of scientific activity for socially protected reasons, namely, for reasons of parental leave, prolonged serious illness, and other situations of unavailability for work that are legally protected.

9. Composition of the jury selection:

President of the jury: Ralph Urbatzka

Vogal: Mariana Reis

Vogal: Joana Almeida

10. Form of Advertising/notification of results:

The final results of the first evaluation step (pre-selection) will be published on the CIIMAR website as a list of candidates ranked according to the assigned valuation. These results will also be emailed to candidates. In case of disagreement, candidates have a period of 10 working days to respond, if they so wish, in a prior hearing and in accordance with the Code of Administrative Procedure. After the interviews, the final results related to the pre-selected candidates will be published on the CIIMAR website and communicated to them via e-mail. The jury reserves the right not to assign the position to the competition depending on the quality of the applications received, namely if the score is less than 7 points.

11. Period for receiving applications:

If you are interested in this position, you must send your application between 27 september until 11 october 2021 to rh@ciimar.up.pt , with the reference of the competition (as stated in this notice) in the "Subject" field of the email. The application must be formalized by sending the following documents (all written in English):

-Detailed CV, in English, that includes the candidate's email address and telephone number, as well as the contacts of two references (name, email and current position);



- Motivation letter (max 2 pages) that includes a short description of the professional activities considered by the candidate to be most relevant in the last 10 years;
- Copy of eligibility certificates.

Applications may not exceed, in total, 5 MB. Applications that do not include all of the above elements will not be considered.

Policy of non-discrimination and equal access: CIIMAR actively promotes a policy of non-discrimination and equal access, whereby no candidate may be privileged, benefited, harmed or deprived of any right or exempt from any duty on the grounds, namely, of ancestry, age, sex, sexual orientation, marital status, family situation, economic situation, education, origin or social condition, genetic heritage, reduced work capacity, disability, illness chronicle, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological convictions and union membership. Under the terms of Decree-Law nº 29/2001, of February 3rd, the disabled candidate has a preference in equal classification, which prevails over any other legal preference. Candidates must declare in the application form, under a commitment to honor, the respective degree of incapacity, the type of disability and the means of communication/expression to be used in the selection process, under the terms of the aforementioned diploma.

