

Assistant Researcher – Reproductive biology for sustainable aquaculture (M/F) - 1 Position Available

Reference: CCMAR/IABRS/10/2024

The **Centro de Ciências do Mar do Algarve (CCMAR)** is opening a recruitment and selection process for one position as an Assistant Researcher in Reproductive Biology for Sustainable Aquaculture. This position is open to citizens of any nationality, including stateless individuals, under a permanent employment contract to recruit and select the best candidate for activities within the MarPlus Project - Hiring of Highly Qualified Human Resources, funded by the Algarve 2030 program and cofinanced by the European Union, according to the following conditions:

1. About CCMAR:

CCMAR (<https://ccmar.ualg.pt/>) is one of Portugal's leading marine science research centres, rated Excellent in evaluations promoted by the Foundation for Science and Technology (FCT). With a multidisciplinary team, well-equipped facilities, and laboratories, CCMAR engages in core areas such as research, training, business, societal engagement, and collaboration.

2. Summary and Functions:

The successful candidate is expected to investigate fundamental and applied aspects of reproductive fish biology and develop novel technologies and solutions that help to solve reproductive dysfunctions and increase production in aquaculture. This position is intended for an Assistant Researcher in the field of Reproductive biology for sustainable aquaculture to:

- a) Identify the mechanisms underlying the regulation of primordial germ cells in fish species and puberty activation by metabolic and endocrine factors;
- b) Produce and characterise genetically modified zebrafish strains using advanced imaging, omics and cell biology techniques such as confocal microscopy, fluorescence-activated cell sorting, in situ hybridisation, immunohistochemistry, among others;
- c) To translate findings onto functional tools to apply to fish aquaculture;
- d) To supervise MSc and PhD thesis;
- e) To translate scientific knowledge into educational programmes by developing schoolteacher training, online courses for different target groups, scientific kits, and digital tools for schools.

Note: This is the initial work plan. However, the selected candidate may be assigned additional tasks and responsibilities in alignment with the CCMAR's evolving strategy, allowing for adaptation to new priorities and challenges.

3. Applicable Law:

- a) Decree-Law No. 57/2016, of August 29, amended by Law No. 57/2017, of July 19.

- b) Regulatory Decree No. 11-A/2017, of December 29.
- c) Labour Code, approved by Law No. 7/2009, of February 12, in its current version.
- d) Decree-Law No. 124/99, of April 20, in its current version.
- e) Administrative Procedure Code.
- f) Internal Regulation for Scientific Research and Technological Development Personnel, and Science and Technology Management and Communication at Centro de Ciências do Mar do Algarve [here](#).

4. Start Date: The contract is expected to start in January 2025.

5. Workplace: Activities will occur at CCMAR (University of Algarve, Faro, Portugal) and other locations necessary for the proposed tasks.

6. Working Hours: 35 hours per week.

7. Monthly Salary: The gross base monthly salary is €3,427.59 (Index 195).

8. Application Period: The application period starts on 3rd December, 2024, and ends on 17th December, 2024, at 23:59 (Lisbon time, Portugal).

9. Required Profile:

9.1) The selected candidate must have completed a PhD in Biology or a related field, with at least 5 years of postdoctoral experience.

9.2) The candidate must demonstrate robust knowledge and experience in fish reproductive biology, as well as experience in working with the aquaculture sector and omics technologies. Experience with genetically modified models and expertise in endocrine regulation are required.

9.3) The candidate must have an excellent curriculum and demonstrated research capability through high-quality publications in recognised scientific journals, project leadership, service provision, invitations to speak at conferences, awards, and a proven ability to obtain funding in competitive calls.

9.4) The candidate must have experience supervising MSc and PhD students.

9.5) The selected candidate must have strong communication skills and experience engaging with diverse societal sectors, including administration, education professionals, and schools. The candidate should provide tangible examples of scientific training and tools that effectively translate and communicate science to society, demonstrating contributions to the science-policy-society interface.

9.6) High proficiency in spoken and written English (explicitly indicated in the CV).

Failure to meet these requirements will invalidate the application. Providing false information may be subject to legal consequences.

10. Selection Panel:

The selection panel consists of:

- 1 - Adelino Vicente Mendonça Canário, President of the CCMAR Board of Directors and Full Professor at the University of Algarve (President);
- 2 – Deborah Mary Power, Professor at the University of Algarve and Researcher at CCMAR (regular member)
- 3 – Elsa Alexandra Martins e Silva Cabrita, Member of the CCMAR Board of Directors, Associate Professor at the University of Algarve and researcher at CCMAR (regular member);
- 4 – Ana María Gómez López, Senior Scientist of the Consejo Superior de Investigaciones Científicas (CSIC) (regular member);
- 5 – Ibon Cancio, Professor at the University of the Basque Country (regular member).
- 6 – João Carlos dos Reis Cardoso, Assistant Professor at the University of Algarve and researcher at CCMAR (substitute member);
- 7 – Pedro Miguel Guerreiro da Costa Guerreiro, Invited Assistant Professor at the University of Algarve and Assistant Researcher at CCMAR (substitute member).

11. Evaluation and Selection Process:

The evaluation will consist of a curriculum assessment (final rating between 0-100).

Admitted applications will be evaluated considering the scientific and curricular path, focusing on the relevance, quality, and up-to-dateness of the following criteria:

(CV) Curriculum Vitae (80%):

- CA) Scientific and technological, cultural or artistic production in the last five years, considered most relevant by the candidate. The content of the scientific output is more relevant than publication metrics or the publishing entity (45%);
- CB) Applied or practice-based research activities developed in the last five years and considered by the candidate to be most impactful (19%);
- CC) Extension and dissemination activities developed in the last five years, particularly in the context of promoting scientific culture and practices, considered most relevant by the candidate (15%);
- CD) Management activities of science, technology, and innovation programs, or experience in observing, monitoring, and evaluating the scientific and technological system or higher education in Portugal or abroad (1%).

(MCI) Motivation and Capacity for Innovation (20%):

- MA) Coherence in expressing motivations for the position, explaining the relevance of the scientific and curricular path to the position and personal goals;
- MB) Demonstration of alignment with the goals and values of CCMAR, based on the relevance of the scientific and curricular path;

MC) Ability to present specific contributions to the development of CCMAR based on the relevance of the scientific and curricular path, career plan, and work plan.

The five years referred to in the evaluation criteria may be extended by the Selection Panel upon the candidate's request when justified by the suspension of scientific activity for socially protected reasons, such as parental leave, severe prolonged illness, and other legally protected situations of work unavailability.

The selection panel reserves the right to contact or interview candidates if additional information or clarification of documentary aspects related to research results is needed. The possible interview, which does not constitute a selection method and is not classified, aims to obtain clarifications or explanations on elements contained in the candidates' CVs.

12. Selection Panel Functioning:

The evaluation (with a score of 0-100) is carried out through the assessment of the motivation letter (with a personal evaluation of the relevance of the activities of the last 5 years to the present competition, highlighting the chosen publications), the CV that will include activities in the specific area and the candidate's scientific and professional path, and up to 5 articles selected by the candidate.

The score of each candidate is obtained by summing the points of each criterion multiplied by the respective weights according to the following formula:

$$C = CV*80\% + MCI*20\%$$

After determining the candidates' scores (C), each selection panel member will rank the candidates from highest to lowest score. Voting follows for the first place and each successive place. The candidate receiving the majority of votes will be selected.

If no candidate is selected in the first round of voting, the lowest-ranked candidate is eliminated, and the process is repeated with the remaining candidates. In the event of a tie, applying the previous criteria, the jury president will make the tie-breaking decision.

The selection panel will write minutes of meetings describing the evaluation and selection process, including a ranked list of admitted candidates and their scores. The CCMAR Board of Directors will validate the panel's final decision.

The jury reserves the right to close the competition without recruitment if the candidates do not possess the appropriate profile for the proposed functions. If the selected candidate cannot be appointed due to non-compliance with documentary requirements or other reasons, or if they later terminate the employment contract, the jury reserves the right to appoint the next candidate in the final ranking based on a reserve list that can be used up to 12 months from the date of this announcement.

13. Required Documents, Process, and Submission of Applications:

Only complete applications submitted directly and obligatorily on the CCMAR website <https://www.ccmар.ualg.pt/list/job> are accepted. The application is considered valid only after the candidate receives written confirmation from CCMAR. The application in English must include:

1. A motivation letter (in English) with a personal evaluation of the relevance of the activities of the last 5 years to the present position, highlighting the chosen publications, considering the MCI evaluation criteria, and a career plan that includes a work plan falling within the scope of point 2 (Summary and Functions) not exceeding 10 000 characters;
2. Detailed curriculum vitae (in English) that includes activities in the specific area and the scientific and professional path of the candidate organised according to the CV evaluation criteria;
3. Up to 5 articles chosen by the candidate;
4. A copy of the Ph.D. certificate;
5. Email contact of up to 3 references.

Non-compliance with requirements 9.1, 9.6 and 13. invalidates the application. According to the law, false information may be penalised.

14. Results:

The list of admitted and excluded candidates and the final ranking list will be posted on the CCMAR website at <https://www.ccmар.ualg.pt/list/job-closed>, and candidates will be notified by email.

15. Prior Hearing and Final Decision Deadline:

15.1) After evaluating all admitted applications, the Selection Panel will produce a provisional minute describing the admission, evaluation, and selection process, including a list of candidates ranked and their scores and decisions.

15.2) All candidates will be notified by email of the Selection Panel's provisional decision.

15.3) Under Article 121 of the Administrative Procedure Code, all candidates have 10 working days from the date of email notification to contest the provisional decision by emailing the Selection Panel.

15.4) The CCMAR Board of Directors will validate the final decision, which will be communicated (by email) to all candidates within 90 working days from the application deadline.

16. Final Information:

16.1) Candidates holding certificates proving degrees from a foreign university must have their certificate recognised in Portugal when signing the employment contract. Failure to do so justifies exclusion from the procedure. Information on degree recognition can be obtained from any Portuguese university or [here](#).

16.2) The CCMAR Board of Directors reserves the right to cancel this recruitment process without hiring if circumstances related to the project change.

16.3) CCMAR endorses the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers (Charter and Code).

16.4) Disabled candidates have a preference in case of equal classification, which prevails over any other legal preference. Candidates must declare in their application, under oath, their disability degree, type of disability, and means of communication/expression to be used in the selection process under the aforementioned decree.

16.5) CCMAR's non-discrimination and equal access policy: No candidate may be privileged, benefited, prejudiced, or deprived of any right or exempt from any duty on the grounds of, namely, ancestry, age, gender, sexual orientation, marital status, family situation, economic situation, social origin or condition, genetic heritage, disability, chronic illness, nationality, ethnicity, territory of origin, language, religion, political or ideological beliefs, and union membership.

The members of the Selection Panel approved this announcement on 01-12-2024