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## Research Fellowship – 1 Vacancy

**Within the project – ADAPTKELP**

**Project Ref<sup>o</sup>: MPr-2023-12-16551 (ALGARVE-FEDER-00772500)**

**Ref. <sup>a</sup>: CCMAR/BINCGAM/10/2025**

The **Centre for Marine Sciences (CCMAR)** opens one (01) Research Fellowship (BI) for a person with a Master Degree (Bolsa de Investigação não conducente à obtenção de grau académico para mestre) of any nationality, including stateless candidates, and holders of political refugee statute, in the scientific field of **Aquaculture, Biology, Ecology, Global Changes and Molecular Biology** within the research project number **MPr-2023-12-16551 (ALGARVE-FEDER-00772500)** - named as **AdaptKelp**: “*Assegurar um futuro sustentável para a aquacultura de Laminaria ochroleuca*” funded by FCT – Fundação para a Ciência e a Tecnologia., under the following conditions:


### **1.Host and Contracting Institution:** CCMAR

This fellowship is intended for master’s degree holders that are enrolled in a non-academic degree course, integrated in the educational project of a higher education institution, and developed in association or cooperation with one or more R&D units at the starting date of the fellowship.

### **2.Work Plan, Tasks to perform and objectives:**

Specifically, the fellowship holder will be involved in the following tasks and objectives:

- 1.Select *L. ochroleuca* gametophyte strains resilient to thermal stress;
2. Investigate microbiome diversity and composition differentiation between thermal tolerant and susceptible gametophyte strains and sporophytes;
3. Perform selective breeding to generate progeny expressing desired commercial traits (e.g. high productivity, heat tolerance);
- 4.thermal priming studies to develop stress-tolerant *L. ochroleuca* strains;
- 5.Evaluate sporophyte expression quantitative trait loci to identify genomic markers for thermal tolerance transmitted between gametophyte and sporophyte generations;
- 6.Analyse the thermal tolerance inheritance from parental gametophytes to the offspring and the influence of inbreeding and outbreeding in the offspring thermal tolerance trait;

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7. Evaluate the bioremediation potential of *L. ochroleuca* in a land-based finfish farming and the microbial benefits for water quality and fish health;
8. Optimize a suitable protocol for the cryopreservation of gametophyte strains of *L. ochroleuca*;
9. Providing data for the preparation of reports and participating in dissemination activities.

### **3. Scientific Supervisors:**

Doctor Neusa Martins, Project Coordinator and Auxiliary Researcher at CCMAR.

### **4. Work place:**

The workplace is CCMAR (Gambelas Campus of the Algarve University, Faro, Portugal) and other places necessary for the execution of the work plan.

### **5. Requirements for the application:**

Applicants must meet all the conditions stated below:

1. Master's degree in Marine Biology or related fields;
2. Experience in the field of macroalgae ecology, biology and reproduction;

**Non-compliance justifies exclusion from the procedure.**


**It is considered as an advantage:**

- a. Experience in macroalgae cultivation;
- b. Demonstrated experience in conducting thermal experiments and evaluating physiological parameters in macroalgae;
- c. Experience in cryopreservation;
- d. Good knowledge of English (spoken and written).

### **6. Evaluation criteria:**

Through the analysis of the application documents the evaluation criteria for the applications and their relative weight for ranking are as follows:

1. Master academic degree grade - 30%;
2. Proven experience in macroalgae ecology, biology and reproduction – 40%;
3. Previous experience in a scientific research laboratory – 30 %;

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The selection committee reserves the right to contact and interview candidates if additional information or clarification of any curricular aspect is necessary. In case it takes place, the interview aims to evaluate in more detail the curricular items used to grade the candidate according to the list above.

In the event that no applicant has the necessary profile, the selection committee reserves the right to close the call without any recruitment. In the event that the selected person does not take up the position because of failure to comply with documentary requirements or any other reason, or later during the contract if they resign, the jury reserves the right, upon convenience and opportunity, to assign the post to the next applicant in accordance with the ranking positions based on the selectable reservation list that can be used up to 12 months of the date of the present announcement.


**7.Fellowship conditions:** The fellowship will have a duration of **12** months. Expected to start in **October 2025**. The fellowship must be carried out full-time (exclusive regime), according to the FCT Fellowship Rules (RBI) and the CCMAR fellowship rules (see [here](#)), which are based on the Portuguese law 40/2004, of 18 of August (Scientific Research Fellowship holder statutes) amended by the Decree-Law 123/2019 of 28 of August. A maintenance allowance of 1309.64€ will be paid monthly, through bank transfer, and will be updated as stipulated by the Foundation for Science and Technology (see [here](#)).

**8.Application period:** from 14<sup>th</sup> of July 2025 to 1 of August of 2025 at 23:59 (Lisbon time, Portugal).

**9.Application process and mandatory documents:**

Complete applications must be submitted online at <https://ccmar.ualg.pt/en/career-opportunities> and must include:

1. A motivation letter (in English);
2. A detailed Curriculum Vitae (in English);
3. A copy of the Master Certificate;

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4. The email contact of up to 3 referees.

**Non-compliance with this documents/information determines the immediate rejection of the application.**

**10.Results and Preliminary Hearing:** The admission and evaluation results will be communicated by email within 90 working days after the application deadline. After notification, candidates have 10 working days to contest the preliminary decision.


**11.Selection Committee:** Doctor Neusa Martins, Coordinator of the project and Auxiliary Researcher at CCMAR (President of jury); Doctor Gareth Pearson, Group Leader and Principal Investigator at CCMAR (member of the jury); Doctor Luís Barreto, Junior Researcher at CCMAR (member of jury); Doctor Aschwin Engelen, Group Leader and Auxiliary Researcher at CCMAR (substitute member) and Doctor João Neiva, Group Leader and Auxiliary Researcher at CCMAR (substitute Member).

**12.Notes:**

**Hiring Documents:**

After the candidate is selected and for the hiring purpose the following documentation/information will be requested:

- Proof of the enrolment (Certidão de inscrição/matricula) from the Academic Services in a non-academic degree course;
- Copy of the certificate of the Master's degree;
- Declaration of commitment stating the exclusivity regime;
- Declaration of commitment on honor;
- Civil, fiscal and social security Identification (if applicable);
- Account Number – IBAN;
- Ciência ID: <https://www.ciencia-id.pt/CiencialD/HomePage.aspx>
- If applicable, a statement from the candidate declaring that, upon completion of the present fellowship contract, they will not have exceeded a cumulative period of two years under this type of fellowship, whether consecutive or not.

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### **13.Fellowship Agreement model**

After the candidate selection and all information is received, it will be signed a fellowship agreement in accordance with the model [here](#)

### **14.Fellowship holder Assessment**

At the end of each period of duration of the fellowship contract, the activity developed by the fellowship holder will be evaluated by the supervisor, by applying the following criteria, in accordance with the model below.

**Criterion 1.** Development of the work plan (50%);

**Criterion 2.** Capacity for data analysis and scientific writing (35%);

**Criterion 3.** Scientific rigor, commitment and responsibility (15%).

### **15.Supervisor report model here**

### **16.Fellowship holder report**


By the end of each fellowship period the fellowship holder must present a report. You can find the fellowship holder final report model [here](#)

### **17. Notes:**

17.1 The board of Directors reserves the right, due to a change in circumstances at the date of the present announcement, to cancel the present call without any recruitment.

17.2 Disabled candidates shall be preferred in a situation of equal ranking, 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.

17.3 CCMAR encourages applications from individuals with disabilities, including those with a disability degree of  $\geq 60\%$ .

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17.4 CCMAR subscribes to the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers (Charter and Code).

17.5 CCMAR's non-discrimination and equal access opportunities policy – No candidate can be privileged, benefited, jeopardised or be deprived of any right or exempt of any claim in regards to descendent, age, gender, sexual orientation, marital status, economic situation, origin, social economy, genetic heritage, disability, chronic disease, nationality, ethnicity, territory of origin, language, religion, politics, ideology or union membership.

Faro, June the 11<sup>th</sup> 2025

