	CENTRO DE CIÊNCIAS DO MAR DO ALGARVE	IP.CCM.008
		REV.: 02
	Anúncio de Bolsa	PÁG: 1 de 5

Doctoral Fellowship – 1 Vacancy

Within the project - Zfscreen

Project Ref^o: 2022.06526.PTDC

Ref. ^a: CCMAR/BD/07/2024

The Centro de Ciências do Mar do Algarve (CCMAR) opens one (01) vacancy for a doctoral fellowship (BD) in the scientific area of **Aquaculture, Biochemistry and Molecular Biology** or related area, eligible to candidates of any nationality, including stateless persons and beneficiaries of the political refugee status, within the scope of the research project - **2022.06526.PTDC** - named as **Zfscreen – “Screening for molecules capable of rescuing CDKL5 deficiency phenotypes using Zebrafish models”**, funded by Fundação para a Ciência e Tecnologia I.P./MCTES, through national funding, under the following conditions:

Host and Contracting Institution: CCMAR

Work Plan, Tasks and Objectives:

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


- Contribution to the maintenance of zebrafish facilities within the scope of the project;
- Histological and morphological analysis of mutant zebrafish structures and those treated with molecules of interest;
 - Molecular biology techniques applied to the identification of gene expression sites associated with zebrafish development in WT, mutant, and transgenic specimens;
- Screening of compound libraries in CDKL5 mutant fish and phenotypic, behavioral, histological, and molecular characterization of treated fish;
- Analysis of phenotypes in transgenic fish using fluorescence microscopy;
- Development of an image and data bank related to the results obtained from the different tasks.

Scientific Supervisor:

Professor Leonor Cancela, Project coordinator, Professor at University of Algarve and Group Leader at CCMAR and Doctor Paulo Gavaia, Auxiliary Professor at University of Algarve and Group Leader at CCMAR.

Workplace:

The place of work is at CCMAR - University of Algarve Gambelas Campus and other places necessary for the competition of work plan.

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Requirements for the application:

The Candidates must meet the following conditions:

1. Bachelor's Degree in Marine Biology or related fields;
2. Master's Degree in Aquaculture and Fisheries or a related field with a minimum final grade of 15 out of 20;
3. Proven laboratory work with zebrafish for a minimum period of 24 months;
4. Proven experience (at least 24 months) in performing histological techniques for bone and cartilage detection, immunolocalization techniques for protein detection in zebrafish, fluorescence microscopy analysis, and molecular biology techniques.

Non-compliance justifies exclusion from the procedure.

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. Experience of at least 2 years working with zebrafish behavior analysis (40%)
2. Experience in histological techniques for bone and cartilage, immunolocalization techniques in zebrafish, fluorescence microscopy, and molecular biology techniques (30%)
3. Curricular merit (30%)

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 06 months of the date of the present announcement.

Fellowship conditions: The fellowship will have an initial duration of 3 months, possibly renewed for additional periods or until the end of the research project for a total maximum of 48 months and with an expected start date of October, 2024. The fellowship must be carried out under an exclusivity regimen, according to the CCMAR fellowship regulations (see [here](#)), and the FCT fellowship regulation based on the Portuguese law 40/2004, of 18 of August (Scientific Research Fellowship holder statutes) amended by the

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Decree-Law 123/2019 of 28 of August. A maintenance allowance of 1259.64€ will be paid monthly, through bank transfer, and will be updated as stipulated by the Foundation for Science and Technology (see [here](#)).

Application period: from 4th of September to 17th of September of 2024 at 23:59 (Lisbon time, Portugal).

Application process and mandatory documents:

Only complete applications submitted directly and obligatorily on the CCMAR website, <https://ccmar.ualg.pt/en/career-opportunities>, are accepted and must include the documents below indicated under penalty of exclusion:

1. A copy of degree certificate;
2. A copy of master certificate;
3. A detailed Curriculum Vitae (in Portuguese or English);
4. A motivation letter (in Portuguese or English);
5. The email contact of up to referees.

The submission of an application without the documents/information required above determines the immediate rejection of the application.

Results and Prior Hearing: Notification of admission and ranking results will be communicated by email to candidates within 90 working days after the deadline for submitting applications. After said notification, the candidates have 10 working days to comment/challenge the preliminary decision.

Selection Committee:


Professor Leonor Cancela, Project coordinator, Professor of University of Algarve and CCMAR member (President of jury), Doctor Vincent Laizé, Researcher of CCMAR (Member) and Doctor Paulo Gavaia, Auxiliary Professor at University of Algarve, Researcher at CCMAR (Member), Doctor Márcio Simão, Auxiliary Professor and Researcher at CCMAR (Substitute Member), Professor Natércia Conceição, Auxiliary Professor at University of Algarve (Substitute Member).

Notes:

Hiring Documents

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

- Declaration of commitment stating the exclusivity regime;

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- Civil, fiscal and social security Identification (if applicable);
- Account Number – IBAN;
- Ciência ID: <https://www.ciencia-id.pt/CienciaID/HomePage.aspx>

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](#).

Fellowship holder Assessment

The activity developed by the fellowship holder will be evaluated by the supervisor, by applying the following criteria, in accordance with the model below.

Criteria 1 – Compliance with work plan (50%)

Criteria 2 – Motivation and dedication to the project (50%)

Supervisor report model [here](#).

Fellowship holder report


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

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.

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.

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

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,

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disability, chronic disease, nationality, ethnicity, territory of origin, language, religion, politics, ideology or union membership.

Faro, 3 of September of 2024