

#4159

## Public Notice - International Selection Procedure

### PhD Scientific Researcher Recruitment (Initial Stage Researcher)

FCiências.ID/2022/BioISI/4

**FCiências.ID - Associação para a Investigação e Desenvolvimento de Ciências**, through its Chairman of the Board of Directors, hereby announces the opening of an international call for the recruitment of a Scientific Researcher with a PhD degree, in the category of Initial Stage Researcher, of the FCIências.ID Scientific Research Career, within the scope of the project Sign2Sense: Disease Signatures in Nonsense Mutations: from mechanisms to improved therapies (Ref. CFRF EE Grant), financed by Cystic Fibrosis Research Fund, d.b.a. Emily's Entourage, in the form of an indefinite duration fixed-term employment contract, according to the Portuguese Labour Code and complementary legislation.

#### I. Admission Requirements

Portuguese nationals, foreign and stateless persons may submit applications to this selection procedure, provided they hold a doctoral degree<sup>1</sup> in Biology, Biochemistry or similar areas, and fully comply with the following requirements:

- a) Demonstrated scientific and/or professional experience in the area of Biochemistry and Molecular Biology - Information provided in the CV and/or Motivation Letter;
- b) Demonstrated previous scientific and/or professional experience in the areas mentioned above shown by the number and quality of papers published in peer-reviewed international scientific journals - Information provided in the CV.

<sup>1</sup> Please note that Degrees obtained in foreign countries need a Portuguese Recognition issued by a Portuguese high degree Institution, according to the [Decree-Law nr. 66/2018](#), of August 16<sup>th</sup> and the [Ministerial Order nr. 33/2019](#), of January 25<sup>th</sup>. The presentation of such Recognition is mandatory for contract signature. More information can be obtained in: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>.

#### II. Preferential Requirements

- a) R&D activity in laboratory, including RNA and protein extraction, reverse transcriptase-quantitative PCR (RT-qPCR), protein electrophoresis and Western Blot - Information provided in the CV and/or motivation letter;
- b) Experience in mammalian cell culture and in sample preparation for mass spectrometry - Information provided in the CV and/or motivation letter;
- c) Relevant scientific and/or professional training in Molecular Biology and Biochemistry - Information provided in the CV and/or motivation letter;
- d) Scientific publications as 1<sup>st</sup> author in international scientific journals - Information provided in the CV and/or motivation letter;
- e) Proficiency in Portuguese and English languages (written and spoken) - Information provided in the CV and/or motivation letter.

#### III. Applicable Law

1. Portuguese Labour Code, as approved by Law No. 7/2009, of February 12th, in its current version (CT);
2. Administrative Procedure Code, as published in Decree-Law No. 4/2015, of January 7th, in its current version (CPA).

#### **IV. Work plan**

The work plan tasks are as follows:

- 1) Validation by mRNA and protein analysis of differentially expressed genes/proteins previously identified by transcriptomics and proteomics;
- 2) Characterization of the effect of the up-/down-regulation of validated genes/proteins upon CFTR mRNA and protein levels;
- 3) Combination of the modulation of the levels of validated genes/proteins with rescue strategies for nonsense mutations (nonsense-mediated decay inhibitors, readthrough agents) and with CFTR modulators.

The work plan is included in tasks 1, 2 and 3 of the project Sign2Sense: Disease Signatures in Nonsense Mutations: from mechanisms to improved therapies.

#### **V. Composition of the Jury**

The members of the jury are:

- President – Prof Dr Carlos M Farinha, Associate Professor with Habilitation at Faculdade de Ciências da Universidade de Lisboa;
- 1<sup>st</sup> Member of the jury – Prof Doctor Margarida Amaral, Full Professor at Faculdade de Ciências da Universidade de Lisboa;
- 2<sup>nd</sup> Member of the jury – Prof Dr Andreia Figueiredo, Assistant Professor at Faculdade de Ciências da Universidade de Lisboa;
- 1<sup>st</sup> Alternate Member of the jury – Prof Dr Federico Herrera, Assistant Professor at Faculdade de Ciências da Universidade de Lisboa;
- 2<sup>nd</sup> Alternate Member of the jury – Doctor Peter Jordan, Principal Researcher at Instituto Nacional de Saúde Doutor Ricardo Jorge.

#### **VI. Place of work**

Work will be developed at the facilities of Research Center BioISI – BioSystems & Integrative Sciences Institute, in Campo Grande, Lisboa, Portugal.

#### **VII. Contract Duration**

The full-time indefinite duration fixed-term employment contract, is expected to start in February 2023, and will last until the Work Plan referred to in section IV is completed. It will have an expected duration until 31/12/2024, will not exceed the limits set in the CT, including an initial experimental trial period of 30 days.

#### **VIII. Monthly Allowance**

The gross monthly salary corresponds to 2153,94€, corresponding to level 33 of the Single Remuneratory Table, as approved by Government Order No. 1553-C/2008, of December 31st, updated by the decree-law nr. 10-B/2020, of March 20th, and by the decree-law nr. 109-A/2021, of December 7th, plus holiday and Christmas allowances, as well as food allowance in the amount and conditions set out for workers with a legal employment relationship under the Labour Code.

#### **IX. Evaluation of applications**

1. Failure to comply with the Admission Requirements implies the non-admission of candidates in absolute merit.

2. Based on the assessment of the candidates' scientific and curricular background in the last five years, each member of the jury presents a justified proposal for admission (final classification equal to or greater than 70%) or exclusion (final classification below 70%) for each candidate, according to the evaluation criteria referred to in paragraph 4.
3. The final classification of candidates is given on a scale of 0 to 100%.
4. Evaluation of the relative merit of candidates, will rely on the following criteria:
  - a) Scientific publications in the area - 40%;
  - b) Letter of motivation - 20%;
  - c) Participation in relevant scientific projects and professional/scientific experience in the area - 30%;
  - d) Assessment of the references provided by the candidate - 10%;
  - e) Interview, if deemed necessary by the jury - 10%.
5. The jury may decide to interview the 3 best ranked candidates [in criteria a) to d) of paragraph 4], for clarifications and improved explanations of curricular elements. If there is an interview, the sum of the classification obtained in the evaluation criteria a) to d) will correspond to 90% of the final classification and the interview will correspond to 10%.
6. The jury shall deliberate by means of a roll-call vote based on the evaluation criteria.
7. Minutes of the jury meetings are drawn up, summarizing all relevant elements considered by jury members, as well as their individual votes and justifications.
8. After completion of the evaluation process, the jury will draw up a ranking of successful candidates with their classifications.
9. Hiring will be decided by the Chairman of the Board of Directors of FCIências.ID, based on the final jury recommendation.
10. The evaluation results will be published on the website of the FCIências.ID ("Concursos" tab). The candidates will be individually notified of the evaluation results by e-mail sent to the address indicated in the "Personal Data" section of the submitted form.
11. With the notification referred to in paragraph 10, the hearing phase of interested parties referred to in Article 121 *et seq.* of the CPA will begin, and last for ten working days.
12. The possible pronouncement of the candidate in a prior hearing must be addressed to the President of the jury and submitted in writing to [concursos@fciencias-id.pt](mailto:concursos@fciencias-id.pt). The President of the jury will convene a jury's meeting to produce the final decision, within thirty working days.
13. Within five working days of the final jury decision, the Chairman of the Board of Directors of FCIências.ID will approve it and the candidates will be notified.
14. The communication between FCIências.ID ([concursos@fciencias-id.pt](mailto:concursos@fciencias-id.pt)) and the candidates will be electronic and will comply with the following rules:
  - a) At the time of electronic submission of any document - namely in the case of paragraph no 12 - the candidates must generate proof of "sent message".
  - b) FCIências.ID will send an email message acknowledging documents received to the email address used by the candidates, within two working days.
  - c) In case of absence of a confirmation receipt by FCIências.ID – showing the possibility of technical problems that should neither be the responsibility of the candidate nor FCIências.ID - the candidates should contact FCIências.ID, with the proof referred to in point (a), to ensure delivery and proper receipt of the documents concerned.

## **X. Compliance with public policies**

1. FCIências.ID actively promotes a policy of non-discrimination and equal access, so that no candidate can be privileged, benefited, disadvantaged or deprived of any right or exempt from

any duty due to, inter alia, ancestry, age, sex, sexual orientation, marital status, family status, economic situation, education, social origin or condition, genetic heritage, reduced working capacity, disability, chronic illness, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological beliefs and trade union membership.

2. Under the terms of D.L. No. 29/2001, of February 3<sup>rd</sup>, a disabled candidate has a preference in equal classification, which prevails over any other legal preference. Candidates must declare their respective degree of disability, the type of disability and the means of communication / expression to be used in the selection process, under the terms of the above-mentioned diploma.

## **XI. Submission of Applications**

1. The present call will be open from 26<sup>th</sup> December 2022 to 13<sup>th</sup> January 2023.
2. The application and all the required documents may be submitted in Portuguese or English.
3. Applications will be submitted online, through the electronic platform of FCIências.ID (<http://concursos.fcencias-id.pt>).
4. On the electronic platform, applicants will complete a mandatory section on Personal Data [name, address, date of birth, contact email, nationality and scientific identifiers] and upload files with the documents listed below:
  - i. Detailed *Curriculum vitae* in PDF format - *mandatory*;
  - ii. A motivation letter clearly demonstrating that the candidate has an adequate profile for the position and fully complies with the Admission Requirements - *mandatory*;
  - iii. Up to five publications relevant for the objectives of the Work Plan - *mandatory*;
  - iv. Digital copies of documents proving formal academic degrees (PhD) and/or other scientific and professional qualifications - original documents must be provided in case of actual recruitment - *mandatory*;
  - v. Other documents that candidates consider relevant for the assessment of their scientific merit, or to declare the personal situation in the cases covered in section X-2 of this Notice - *optional*.
5. By decision of the Chairman of the Board of Directors of FCIências.ID, candidates who do not submit the documents identified in paragraph 4 will not be admitted to the call. In case of doubts, the Chairman may also invite candidates to substantiate specific data or statements with official supporting documents, before accepting the candidates' submission.

This Public Note was approved by the jury on 19<sup>th</sup> December 2022.