



ANNOUNCEMENT OF AN INTERNATIONAL CALL FOR THE SELECTION OF A PhD HOLDER RESEARCHER

Internal code: Researcher/FCT_PROJ2023/i3S/0304/2024

A call is opened for the position of a PhD holder, for an unfixed term work contract to carry out research duties within the project "The cellular organization and molecular function of the K⁺ machinery in a bacterium", with reference "FCT-2023-Programa ERC-Portugal-Kmachinery", funded by Fundação para a Ciência e Tecnologia IP.

Scientific Area: Biochemistry and Biophysics

1. Project summary and work plan

The aim of the project is the study of the K⁺ machinery, responsible for flux and transport of K⁺ ions into and out of the cell. We propose to establish and use sensors of cellular properties (pH, membrane potential, potassium levels, and others) to for cellular studies and to select small-molecules that can be used as modulators of cellular properties related to intracellular K⁺ levels.

2. Applicable Portuguese legislation

Decree no. 57/2016, of August 29 - Legal Regime of Scientific Employment RJEC - in its current wording

Portuguese Labor Code, in its current wording

3. Jury

Chairman: João Morais Cabral; Other Members: João Bettencourt Relvas, Paula Tamagnini; Substitutes Teresa Summavielle.

4. Workplace

i3S - Rua de Alfredo Allen, 208 Porto, research group Structural Biochemistry.

5. Professional category and monthly remuneration

Junior Researcher, €2.893,81, level 3, corresponding to index 44 of the Tabela Remuneratória Única, whose application is intended for PhD holders with reduced post-doctoral experience or without a post-doctoral scientific curriculum.

6. Obligatory requirements for admission

1. PhD degree in Life Sciences.
2. Demonstrated expertise in molecular biology, expression, purification and biochemical and biophysical characterization of proteins including live-cell FRET and screening of small-molecule libraries.
3. Scientific publications in well-reputed journals in the field of Life Sciences with peer review, demonstrating expertise in areas defined above in 2).



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7. Evaluation of the applications and publication of the results

Under the terms of article 5 of RJEC, the evaluation of the scientific and curricular background of the candidates should focus on the activity of the last five years that the candidate considers most relevant. The five-year period may be extended by the jury, at the candidates request, when justified by 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.

Weight of the different curricular valuation criteria:

(a) CV (90%)

- Relevant scientific experience (60%)
- Relevant scientific publications (30%)

(b) Interview (10%)

If the jury decides to obtain further clarifications and additional information about the curricular elements presented, the 3 best candidates classified on the basis of the curriculum may be called for an interview. In this case, the curricular evaluation will weight 90% for all candidates and the interview will weight 10%.

Candidates are excluded from admission to this call if they do not fill out their application correctly or do not meet the obligatory admission requirements. If in doubt, the jury may ask any candidate additional documents in support of their statements.

False statements made by candidates will be sanctioned in accordance with the law.

The jury will draw up minutes of its meetings, which can be consulted at the candidate's request within 10 working days after the selection results are released.

The jury deliberates by means of a reasoned roll-call vote according to the evaluation criteria, with no abstentions allowed, and draws up a list of excluded and admitted candidates, ordered by respective classification.

All candidates are notified of the selection results by email. After notification, candidates have 10 working days to comment.

In the 90 days following the deadline for submission of applications, the jury's final decision is communicated to the candidates. Subsequently the institute Director, who is also responsible for the final decision of hiring, will ratify the decision of the jury.

This call is intended exclusively to fill the indicated position on offer and may be canceled before the final ranking list of candidates is ratified by the Director. Accordingly, the position will no longer be available.



8. Submission of applications

Applications must include all the documents proving that they fulfill the admission requirements, namely:

- a) Copy of certificate or diploma;
- b) Detailed Curriculum Vitae with a focus on the experimental expertise.

The submission of applications is digital, in pdf format, from 3 to 16 April, in the following link:

<https://dozer.i3s.up.pt/applicationmanagement/#/addapplications/5643b92bc6e141137d7c5c7b1a42ea35>

9. Start and duration of the contract

The anticipated start date of the contract is 16/05/2024 and is subject to budget availability. The maximum duration of the contract will be 12 months, eventually extendable.

10. Non-discrimination and equal access policy

i3S actively promotes a policy of non-discrimination and equal access. No applicant shall be privileged, benefited, prejudiced, or deprived of any right or exempted from any duty on the basis of ancestry, age, gender, sexual orientation, marital status, family situation, economic situation, education, origin or social condition, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological beliefs, or trade union membership.

Within the framework of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers, i3S adopts the Open, Transparent and Merit-based (OTM-R) principles for the recruitment of researchers, with the aim of conducting fair and transparent recruitment processes, bringing equal opportunities to all candidates.

11. Applicants with disabilities

Under the terms of Decree-Law 29/2001, of February 3, the candidate with a disability is given preference in equal ranking, which takes precedence over any other legal preference. Candidates must declare under oath their 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 aforementioned decree.



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