



ANNOUNCEMENT OF AN INTERNATIONAL CALL FOR THE SELECTION OF A RESEARCH TECHNICIAN

Internal code: **Technician/COMPETE2030/i3S/1012/2025**

A call is opened for the position of a Research Technician, for an unfixed term work contract, to carry out technical duties within the project “Pre-clinical evaluation of novel pyrimidopyrimidine-based compounds against leishmaniasis”, with the reference COMPETE2030-FEDER-00715600, Operation No. 16016, funded by COMPETE2030 under Notice No. MPr-2023-12.

Scientific Area: Biomedical Sciences

1. Project summary and work plan

Visceral Leishmaniasis (VL) remains a major global health challenge, with high mortality rates in untreated cases and limited therapeutic options due to drug toxicity, cost, and resistance. The project PeP2-Anti-Leish aims to advance the development of new anti-leishmanial agents with improved safety and efficacy profiles.

The selected candidate will contribute to the following key objectives:

- *In vitro* evaluation of potency and toxicity of newly synthesized compounds. This includes testing against *Leishmania infantum* promastigotes and intracellular amastigotes, as well as assessing cytotoxicity in the THP-1 human cell line.
- Pharmacokinetic profiling *in vivo* of most promising compounds and their nanoformulations using the SNAP-PK approach using oral administration.
- *In vivo* efficacy studies, with In Vivo Imaging Systems using murine *Leishmania* infection models, for the compounds demonstrating favourable pharmacokinetic profiles.

The candidate will work within a multidisciplinary team committed to developing safe, orally available, and effective treatments for VL.

2. Jury

Chairman: Nuno Santarém; Other Members: Anabela Cordeiro da Silva, Joana Tavares; Substitutes: Inês Loureiro.

3. Workplace

i3S - Rua de Alfredo Allen, 208 Porto, research group Host Parasite Interactions Group.

4. Professional category and monthly remuneration

Research Technician, € 1.565,37, subject to taxes and other mandatory deductions.

5. Obligatory requirements for admission

Mandatory:

- a) Integrated Master's Degree in the area of Life and Health Sciences or related areas with a minimum classification of 15/20 values **OR** Bachelor's Degree in the area of Life and Health Sciences or related areas with a minimum classification of 15/20



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values with a master's degree in Life and Health Sciences or related areas with a minimum classification of 19/20 values;

- b) Motivation Letter indicating Immediate availability to begin the contract.

Preferential:

- a) Laboratory experience in Biomedical Sciences or related fields;
- b) Scientific and technological output, including oral/poster presentations, and publications.

6. Evaluation of the applications and publication of the results

Weight of the different curricular valuation criteria

- a) Detailed CVs (70%):
 - a. Academic and professional background (25%);
 - b. Relevant laboratory experience in the research area of the application and in the highlighted topics (25%);
 - c. Scientific and technological output, including oral/poster presentations and publications (20%);
- b) Motivation Letter (20%):
 - a. Interest and motivation in the research area in alignment with the position to be filled;
- c) Interview – *facultative* (10%)
 - a. Interest and motivation in the research area in alignment with the position to be filled

If needed, the evaluation panel may invite the most highly ranked candidates (up to 5) for an interview. The final classification system for candidates is expressed on a scale from 0 to 100. Candidates who are not interviewed will receive a maximum score of 90%.

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 take minutes of their meetings, which may be consulted by candidates upon request.

The jury deliberates by means of a justified vote according to the evaluation criteria, with no abstentions allowed, and draws up a list of excluded and admitted candidates, ranked by the respective classification after the curricular evaluation. Candidates will be notified of the results by email.

After publication of the ranking list, if their wish to do so, the candidates have 10 working days to submit comments.



In the 90 days following the deadline for submission of applications, 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.

7. Submission of applications

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

- a) Copy of certificates or diplomas;
- b) Detailed Curriculum Vitae;
- c) Motivation letter;
- d) Other documents relevant to the assessment of the application.

The submission of applications is digital, in pdf format, from December 10th to December 23rd 2025, in the following link:

<https://dozer.i3s.up.pt/applicationmanagement/#/addapplications/d9c534c98751b5335699cf1e7bcf5c3>

8. Start and duration of the contract

The anticipated start date of the contract is 16/01/2025 and is subject to budget availability. The expected duration of the contract will be 12 months, eventually extendable.

9. 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.

10. 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

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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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