



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

Internal code: **Technician/FCT\_HuMoIR/i3S/2706/2025**

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 “HuMoIR - A Human Model to determine the Immune Response to Biomaterials”, with the reference COMPETE2030-FEDER-00694400, Operation No. 15833, funded by COMPETE2030 and national funds (FCT) under Call for Applications No. MPr-2023-12.

**Scientific Area:** Bioengineering, immunology

### 1. Project summary and work plan

HuMoIR aims to develop an advanced model of the human immune response to implantable biomaterials, particularly for cardiovascular diseases. We will determine the contributions of immune and stromal cells, and the extracellular matrix of secondary lymphoid tissues to the immune response to biomaterials. The workplan will involve several tasks, namely: Isolation and culture of human primary immune cells; decellularization of the extracellular matrix and isolation of stromal cells from lymphoid tissues; combination of the different cells and matrices in 3D models; Characterization of their response to biomaterials.

### 2. Jury

Chairman: Susana Santos, PhD; Other Members: Perpétua Pinto do Ó, PhD e Diana Nascimento, PhD; Substitutes: Raquel Gonçalves, PhD.

### 3. Workplace

i3S - Rua de Alfredo Allen, 208 Porto, research group “Stem Cells in Regenerative Biology and Repair”.

### 4. Professional category and monthly remuneration

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

### 5. Obligatory requirements for admission

- a) Master degree in Bioengineering, Immunology, Biochemistry or related areas, with a classification of 15 (0-20) or higher, in integrated MSc or the average between BSc and MSc.
- b) Ability to communicate proficiently in English (written and spoken).

#### Preferential:

- a) Demonstrated laboratory and research experience in: (i) cell isolation and culture, particularly of primary cells; (ii) isolation and characterization of the activation/polarization of immune cells; (iii) decellularization and characterization of the extracellular matrix.
- b) Strong motivation to pursue a scientific career;

- c) Availability to start the contract on the 1<sup>st</sup> of September 2025.

## 6. Evaluation of the applications and publication of the results

Weight of the different curricular valuation criteria

- a) Detailed CV (65%):
- Classification of integrated MSc or average between BSc and MSc (15%);
  - Research experience, particularly with relevance for this project work (30%);
  - Scientific publications/communications (10%);
  - Knowledge of spoken and written English (10%);
- b) Motivation letter (25%);
- c) Interview - *facultative* (10%):

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 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 certificate or diploma;



- b) Detailed Curriculum Vitae;
- c) Motivation letter;
- d) Other relevant documents for the assessment of the application.

The submission of applications is digital, in pdf format, from the 27<sup>th</sup> of June to the 15<sup>th</sup> of July 2025, in the following link:

<https://dozer.i3s.up.pt/applicationmanagement/#/addapplications/652597a9e3709249c5149d386b33fbd5>

#### **8. Start and duration of the contract**

The anticipated start date of the contract is 01/09/2025 and is subject to budget availability. The contract will have a 6-month duration, with the possibility of extension until a maximum of 30 months, depending on the preliminary results achieved.

#### **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 disability and the means of communication/expression to be used in the selection process, under the terms of the aforementioned decree.