



ANNOUNCEMENT OF AN INTERNATIONAL CALL FOR THE SELECTION OF A TECHNICIAN

Internal code: **Technician/FCT_MetAGNOSTICS/i3S/2706/2025**

A call is opened for the position of a Technician, for an unfixed term work contract, to carry out technical duties within the project “MetAGNOSTICS- Metagenomics for personalized infectious diseases diagnostics”, with reference COMPETE2030-FEDER-00834900, Operation No. 17056, funded by COMPETE2030 and national funds (FCT) under Notice no. MPr-2023-12.

Scientific Area: Basic Medicine

1. Project summary and work plan

Misdiagnosis of infectious diseases accounts for the above average use of last resort antimicrobials, and often leads to the discharge of the patient before the cause of infection, or the symptoms, are resolved. Disease by an undetected or misidentified agent may escalate suddenly, especially in individuals with reduced ability to fight infection because their immune system is compromised or not yet fully developed, like patients with other comorbidities or newborns. The MetAGNOSTICS project will develop clinical grade culture-free metagenomics sequencing (mNGS) tests to rapidly capture microorganisms directly from neonates’ body fluids or tissues. The team will extract comprehensive genomic information from clinical samples, such as microbial species identification, characterization of AMR and tracking of pathogen nosocomial transmission. This will revolutionize the current diagnostic landscapes by shortening sample-to-answer times, eliminating genomic plasticity bias and broadening the spectra of microorganisms identified.

2. Jury

Chairman: Rute Oliveira; Other Members: Didier Cabanes, Margarida Duarte;
Substitutes: Georgina Alves, Ricardo Monteiro

3. Workplace

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

4. Professional category and monthly remuneration

Technician, €1,324,77, subject to taxes and other mandatory deductions.

5. Obligatory requirements for admission

- Bachelor’s Degree (minimum) in areas related to the project, including but not restricted to Biomedical Sciences and Cell and Molecular Biology;
- Hands-on experience in molecular biology techniques, especially in nucleic acid extraction, digital electrophoresis, RT-qPCR, Sanger sequencing and next-generation sequencing (NGS);
- High motivation, good communication and organization skills;
- High sense of responsibility in the context of a clinical diagnostics laboratory;

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- e) Fluency (writing and speaking) in Portuguese and English;
- f) Availability to start the contract at the indicated starting date.

Preferential:

- Training in clinical molecular laboratory;
- Training in microbial genotyping.

6. Evaluation of the applications and publication of the results

Weight of the different curricular valuation criteria

- a) The candidate's previous experience that is relevant for this project work plan (70%);
- b) Motivation letter (20%);
- c) Interview - *facultative* (10%).

If needed, the evaluation panel may invite the most highly ranked candidates (up to 3) 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.

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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 curricular evaluation.

The submission of applications is digital, in pdf format, from 27/06/2025 to 10/07/2025, in the following link:

<https://dozer.i3s.up.pt/applicationmanagement/#/addapplications/7b49d6d5dc21dd82c19998f6b3ef1d1>

8. Start and duration of the contract

The anticipated starting date is 1st September 2025, upon availability of the financed funds. The contract is estimated to last 12 months, with the possibility of extension until a maximum of 36 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.