



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

Internal code: Researcher/Horizon/i3S/1002/2025

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 "Addressing malnutrition and metabolic health in non-communicable diseases through precision Nutrition: impact in quality of life and prognosis of lung cancer patients", with reference HORIZON-EIC-2023-PATHFINDERCHALLENGES-GA 101162297, funded by HORIZON-EIC-2023-PATHFINDERCHALLENGE.

Scientific Area: Oncobiology

1. Project summary and work plan

The MENTORING project goal is to develop a precision strategy, covering genetic, phenotypic profiling, circulating extracellular vesicles glycomics and proteomics, as well as modelling inflammation and immunological characteristics to implement personalized recommendations for cancer patients. Its main component will be the detailed study of Extracellular Vesicles glycans (Glycomics) and proteins (Proteomics) to identify and characterize key factors that modulate cancer metabolism, affecting the tumor microenvironment, inflammation and the immune response of cancer patients.

2. Applicable Portuguese legislation

Portuguese Labor Code, in its current wording

3. Jury

Chairman: Celso Reis; Other Members: Joana Gomes, Ana Magalhães; Substitutes: Henrique Duarte, Vanessa Rodrigues.

4. Workplace

i3S – Rua de Alfredo Allen, 208 Porto, research group Glycobiology in Cancer.

5. Professional category and monthly remuneration

Junior Researcher

€2.351,53, corresponding to index 33 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

Obligatory:

1. PhD degree in Life and Health Sciences or related areas;
2. Knowledge and Hands-on experience on Extracellular Vesicles;



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3. Knowledge and Hands-on experience in proteomics, glycomics and glycoproteomics;
4. Knowledge and Hands-on experience in mass-spectrometry data analysis.

Preferencial:

- Experience and solid knowledge in oncobiology and glycobiology;
- Hands-on experience in ELISA, western blotting, immunohistochemistry and microscopy;
- Proven skills in oral and written research communication;
- Good teamwork and interpersonal skills.

7. Evaluation of the applications and publication of the results

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) Previous experience in the points described in the Admission Requirements (80%)
- b) Motivation Letter (10%)
- c) Interview (10%)

If the jury decides to obtain further clarifications and additional information about the curricular elements presented, the best candidates classified on the basis of the curriculum may be called for an interview.

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 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;
- c) Motivation Letter;
- d) Other relevant documents.

The submission of applications is digital, in pdf format, from 10 to 21 February 2025, in the following link:

<https://dozer.i3s.up.pt/applicationmanagement/#/addapplications/d930bac8936a838d839eae6c97efadd>

9. Start and duration of the contract

The anticipated start date of the contract is 16/03/2025 and is subject to budget availability. The contract is expected to last 12 months and may be extended for up to 30 months, depending on the preliminary results achieved.

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

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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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