



## ANNOUNCEMENT FOR THE OPENING OF AN INTERNATIONAL SELECTION TENDER PROCEDURE FOR A MSc TECHNICIAN

**Code: MsC\_Technician/FCT\_PROJ2020/i3S/0208/2021**

The meeting of the Board of Directors of i3S deliberated the opening of a selection tender for 1 vacancy of a master technician to perform technical duties in the area of Health and Life Sciences, under a work contract with unfixed term under the Portuguese Labor Law within the project with the reference PTDC/BTM-TEC/6706/2020 and title “Life-time Risk Estimations and Genetic Modifiers Of Hereditary Diffuse Gastric Cancer” at i3S, financed by Portuguese funds through FCT - Fundação para a Ciência e a Tecnologia/Ministério da Ciência, Tecnologia e Ensino Superior.

### Project's summary

Hereditary Diffuse Gastric Cancer (HDGC) syndrome is caused by germline CDH1 mutations affecting nearly 50.000 people/year worldwide. Within families, some CDH1-mutation carriers develop deathly early-onset cancer in breast, stomach or both organs, while others remain forever asymptomatic. Disease prevention and survival is maximized if stomach and breasts are prophylactically removed from all carriers after age 18, because it is impossible to predict if or when a CDH1-mutation carrier will develop cancer.

In this project we will address the hypothesis that stomach and breast are specifically affected because tissue-specific CDH1-regulatory interactors, although constitutively mutated, contribute for CDH1 dysfunction only in HDGC target organs.

One of the main objectives of this project is to develop and apply tools for the study of patient-derived stomach and breast iPSCs-organoids, namely organs-on-chip, to explore and validate any combination of genetic modifiers acting at tissue-specific level.

### 1. Applicable Legislation

Labour Code, Law no. 7/2009 of 12 February, on its current draft

### 2. Tender selection panel

President: Carla Oliveira; Other members: Mafalda Santos; Valdemar Máximo.

### 3. Workplace

i3S, Rua de Alfredo Allen, 208, Porto, research group Expression Regulation in Cancer

**4. Monthly remuneration** to be paid is €1.377,24, with the category of Superior Research Technician level 1.

5. Any national, foreign and stateless candidate(s) holding a master degree in **Health and Life Sciences** or **related scientific area** and a scientific and professional curriculum whose profile is suited for the activity to be performed can submit their applications. In the event the master degree was awarded by a foreign higher education institution, said degree must

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comply with the provisions of Decree-Law no. 341/2007 of 12 October, and all formalities established therein must be complied with at the signature of contract.

6. The tender **admission specific mandatory requirements** are:

- Master degree in Health and Life Sciences or related scientific area
- Highly motivated candidates with strong hands-on experience in: oncobiology and genetics, cell and molecular biology, and 3D experimental models for tumour biology, particularly those including organ-on-a-chip and microfluidics.
- Great capacity for problem solving;
- High level of organization and self-commitment;
- Relevant publication track record in international peer-reviewed journals, preferably in Biomedical Sciences and Bioengineering;
- Experience in writing scientific articles and reports;
- Fluent in spoken and written English;
- Good teamwork and interpersonal skills;
- Immediate availability to start the contract.

7. **Evaluation criteria** are the following:

The assessment of the applicants' CV, in particular scientific merit and technical capacity, shall be based on the following criteria:

a) Detailed CV (75%):

- Scientific background and experience in the research area of the application (50%)
- Scientific and technological production, including oral/poster communications, publications and impact factors (12.5%)
- Participation in research projects (10%)
- Two letters of recommendation minimum (2.5%)

b) Motivation letter (10%):

Interest and motivation for the area where the hiring profile fit in

c) Interview (15%)

8. Candidate final classification system shall be given based on a scale 0-100.

9. The panel shall deliberate by means of roll-call vote justified under adopted and disclosed selection criteria, with no abstentions allowed.

10. Minutes of panel meetings shall be executed and shall include a summary of all occurrences of said meeting, as well as of all votes casted by the members and respective reasoning, and shall be provided to candidates whenever required.

11. After selection criteria application, the panel shall prepare a sorted list of approved candidates and respective classification.

12. Panel's decision shall be validated by the leader of the institution, who is also in charge of deciding about the hiring.

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13. **Applications** shall include all supported documents encompassed by section 6 and 7 for tender admission, namely:

- a) Certificate or diploma copy;
- b) Curriculum vitae;
- c) Other documentation relevant for the evaluation of qualifications in a related scientific area;
- d) Recommendation letters;
- e) Motivation letter.

Candidates shall submit their application filing the required information and supporting documentation, in a digital form, in PDF format, from the 2<sup>nd</sup> to the 13<sup>th</sup> august 2021, through the link:

[https://dozer.i3s.up.pt/applicationmanagement/#/addapplications/MSc\\_TechnicianFCT\\_PROJ2020i3S02082021](https://dozer.i3s.up.pt/applicationmanagement/#/addapplications/MSc_TechnicianFCT_PROJ2020i3S02082021)

14. All candidates who formalize their applications in an improper way or fail to prove the requirements imposed by this tender are excluded from admission. In case of doubt, the panel is entitled to request any candidate to present further documentation supporting their statements.

15. False statements provided by the candidates shall be punished by law.

16. Both admitted and excluded candidate list and the classification list shall be published in the i3S website, [www.i3S.up.pt](http://www.i3S.up.pt) and the selected candidate shall be notified by email.

After publication of the results, candidates shall have 10 working days to comment. Within 90 days following the deadline for the submission of applications, the final decisions of the jury shall be disclosed on the i3S website, [www.i3S.up.pt](http://www.i3S.up.pt).

The expected stating date of the contract is 15<sup>th</sup> September. The maximum duration of the contract is 3 years, in accordance with the work plan of the research project.

17. This tender is exclusively destined to fill this specify vacancy and can be terminated at any time until approval of final candidate list, expiring with the respective occupation of said vacancy.

18. Non-discrimination and equal access policy: i3S actively promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, benefited, impaired or deprived of any rights whatsoever, or be exempt of any duties based on their ancestry, age, sex, sexual preference, marital status, family and economic conditions, instruction, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership.

19. Pursuant to Decree-Law no. 29/2001 of 3 February, disabled candidates shall be preferred in a situation of equal classification, and said preference supersedes any legal preferences. Candidates must declare, on their honor, their respective disability degree,

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type of disability and communication/expression means to be used during selection period on their application form, under the regulations above.

20. In the scope of the Commission Recommendation of 11 March 2005 on the European Charter for Researchers and on a Code of Conduct for the Recruitment of Researchers, i3S follows the principles of Open, Transparent and Merit-Based Recruitment of Researchers (OTM-R), aiming to conduct fair and transparent recruitment processes, bringing equal opportunities for all candidates.

21. The panel has approved this announcement in meeting held on the 19<sup>th</sup> July 2021.