

**CALL FOR APPLICATIONS FOR ONE RESEARCH GRANT FOR THE PROJECT
“IMAGE - INDIVIDUALIZED GASTRIC ADENOCARCINOMA EARLY
DIAGNOSIS AND IMPROVED PATIENTS’ SURVIVAL: FROM LIQUID
BIOPSIES TO A COMPREHENSIVE MANAGEMENT APPROACH” AT THE
FACULTY OF MEDICINE OF THE UNIVERSITY OF PORTO**

The Faculty of Medicine of the University of Porto (FMUP) is seeking applications for a research grant to carry out R&D activities for the project “IMAGE - Individualized gastric adenocarcinoma early diagnosis and improved patients’ survival: from liquid biopsies to a comprehensive management approach” (Ref.^a NORTE-01-0145-FEDER-000050) at the Center for Health Technology and Services Research (CINTESIS), FMUP, cofunded by the Northern Regional Operational Program (NORTE2020) and the European Union, through the Regional Development Fund (FEDER), under the following selection criteria:

1. Scientific Area: Health Data Analysis

2. Admission requirements

To apply for the research grant, applicants must comply with the following requirements, for which documentary evidence must be provided:

- a) Hold a degree (1st cycle) in Computer Sciences, Computer Engineering, Biomedical Engineering, Health Informatics, Health Sciences or related areas.
- b) Be enrolled in a degree program or a study program not leading to an academic degree integrated in the educational project of a higher education institution, developed in association or cooperation with one or more R&D units. This requirement must be proven at the time of hiring.

Any degree awarded by a foreign higher education institution must be recognized by a Portuguese higher education institution in accordance with the provisions of article 25 of Decree-Law no. 66/2018 of August 16, which approves the legal regime for the recognition of academic degrees and higher education diplomas awarded by foreign higher education institutions and article 4 (2) (e) of Decree-Law no. 60/2018 of August 3, and any formalities established therein be fulfilled up to the date of the contracting act.

3. Preferential conditions for admission

- a) To have specific training in health informatics.

- b) To have experience in front-end development (user interfaces) and case report forms (CRF), electronic health records, integration and interoperability in information systems, or other areas of digital health.
 - c) To have experience in health information systems development projects.
 - d) Be available to begin working in September 2021. This availability must be mentioned in the motivation letter.
- 4. Work Plan:** the research grantee will:
- a) Identify the systems and integration technologies in use at the partner institution;
 - b) Study CRF systems (e.g. REDCap) to be integrated;
 - c) Develop integrators and real-time data viewers.
- 5. Applicable Legislation and Regulations:** The present Call is governed by the Research Grant Holder Statute, approved by Law no. 40/2004, dated August 18, 2004, as currently in force, and the FCT Research Grant Regulations of the Foundation for Science and Technology, I.P. approved by Regulation no. 950/2019, as currently in force.
- 6. Workplace:** The research grantee will work at FMUP under the scientific supervision of Doctor Ricardo Cruz Correia, Assistant Professor at FMUP.
- 7. Duration:** 12 months, on an exclusive basis, renewable for an equal period until the end of the project.
- 8. Monthly maintenance allowance amount:** The monthly maintenance allowance is 835,98€, according to the table of stipends values awarded directly by the FCT, I.P. The Faculty of Medicine of the University of Porto will pay the monthly maintenance allowance amount by bank transfer. In addition, personal accident insurance (PAI) will also be provided to the grantee.
- 9. Methods of selection:** curricular evaluation (50%) and, if the selection board deems it necessary, a selection interview (50%) for the five applicants who classified best in the curricular evaluation. If the selection interview is not held, the final classification will be equal to the curricular assessment.
- Curriculum evaluation factors** (scale of 0 to 20 points):
- a) Area of study of the degree and final academic classification (0 to 3 points).
 - b) Suitability of the area of study (0 to 5 points).

- c) Experience in health informatics development (0 to 5 points).
- d) Other relevant knowledge/experience (0 to 2 points).

Evaluation factors for the **selection interview** (scale of 0 to 20 points):

- a) Specific knowledge to carry out the work plan (0 to 10 points).
- b) Attitude and availability (0 to 4 points).
- c) Communication skills (0 to 3 points).
- d) Motivation for the planned activities (0 to 3 points).

Based on the final ranking of applicants, a reserve list will be created for the possible hiring of new grant holders under this project or in case the first ranked applicant withdraws. If none of the applicants demonstrates that they have the profile indicated for the completion of the work plan, the jury reserves the right not to award the grant.

10. Selection Board:

Chair – Doctor Pedro Pereira Rodrigues, Assistant Professor, FMUP

1st permanent member – Doctor Ricardo Cruz Correia, Assistant Professor, FMUP

2nd permanent member – Doctor Cláudia Camila Dias, Assistant Researcher, FMUP

1st substitute member – Doctor Pedro Manuel Vieira Marques, Senior Official, FMUP

2nd substitute member – Doctor José Alberto Freitas, Assistant Professor, FMUP

- 11. Form of announcement/Disclosure of results:** The recruitment results will be announced by email with receipt of delivery to the email address indicated in the applicants' Curricula Vitae/Motivation Letter.

Under the terms of articles 121 and subsequent of the Administrative Procedure Code (CPA in Portuguese), the applicants have the right to submit a formal claim about the results within ten working days, counting from the day immediately after the notification of the results.

The final decision shall be taken no later than 60 working days after the conclusion of the prior hearing of interested parties or the public consultation. A complaint may be lodged against the final decision within 15 working days or, alternatively, an appeal may be lodged within 30 working days, both counting from the respective notification.

Applicants who choose to file a complaint must address their appeal to the member of the FCT Board of Directors with delegated authority. Candidates who choose to file an appeal should address their appeal to the FCT Board of Directors.

12. Submission of applications and deadline: The Call for Applications is open until 25th August 2021 (23h59, Lisbon Time).

Applications must be sent by email to candidaturasrh@sp.up.pt with a copy to candidaturasrh@med.up.pt using the reference “**FMUP | 1 Bolsa BI Licenciatura | IMAGE**” in the subject. In addition, the following documents must be attached to the email:

- a) Motivation letter indicating the availability to start working.
- b) Curriculum Vitae.
- c) Copy of the certificate(s) of the required qualifications.
- d) Proof of enrollment in the 2020/2021 academic year.
- e) Evidence of preferential conditions (if applicable).
- f) Declaration of Eligibility (in attachment) only for undergraduate candidates who are enrolled in courses that do not confer an academic degree and who do not exceed, at the time of signing this grant contract, including any possible renewals, an accumulated period of two years in this type of grant, consecutive or interspersed, under the terms of paragraph 5 of article 6 of the FCT Research Grants Regulations - Regulation no. 950/2019, published in *Diário da República*, 2nd series, of December 16th
- g) Any other document that the applicants consider relevant for the assessment of their merit.

Documents must be attached directly to the application email without links to external platforms/drives. All documents should be saved in Portable Document Format (.pdf) to facilitate their reading. The files must be named with the applicant's first and last name and must not exceed 5 MB altogether. These can be compressed in .zip format.

13. The University of Porto actively promotes a policy of non-discrimination and equal access so that no applicant may be privileged, benefited, damaged, or deprived of any right or exempted from any duty due to ancestry, age, gender, sexual orientation, marital status, family situation, economic situation, education, origin or social condition, genetic heritage, reduced work capacity, disability, chronic disease, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological convictions, and trade union membership.