

Research Studentships (for students of a course that does not award an academic degree)

Applications are open for 1 Research Studentship, within the framework of project/R&D institution LA i4HB, 1801P.01140, (LA/P/0140/2020), financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Biological Sciences

Admission Requirements:

a) to hold a bachelor or master degree and be enrolled at a course that does not award an academic degree and it is integrated in the educational project of a higher education institution, performed in association or cooperation with one or several R&D units;

b) not to exceed with this contract, including the possible renovations, an accumulated period of two years in this type of studentship, continuously or with interruptions.

Workplan: Development and use of three-dimensional (3D) cancer models, such as spheroids, containing or not different glycosylation patterns, to study the penetration and therapeutic activity of anticancer peptides. Use of 3D cancer models for studies of endocytosis of anticancer peptides through interactions with transmembrane proteins containing aberrant glycosylated forms exposed by cancer cells.

Legislation and Regulations: Statute of Scientific Research Fellow, approved by Law nr. 40/2004, of August 18, as worded by Decree-Law nr. 123/2019, of August 28; FCT Regulation for Research Studentships and Fellowships, available on <https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2019.pdf> and <https://dre.pt/application/file/a/127230968>.

Workplace: The work will be developed at Institute for Bioengineering and Biosciences of Instituto Superior Técnico, under the scientific supervision of Doctor Nuno Bernardes, in collaboration with UCIBIO-NOVA FCT, under the co-supervision of Prof. Paula Alexandra Quintela Videira.

Duration: The research fellowship(s) will have the duration of 6 months. It's expected to begin in June 2025 and may be eventually renewed up to the maximum of 12 months, including the duration of the initial contract.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (<https://www.fct.pt/fct-atualizou-o-valor-das-bolsas-para-2025/>), the amount of the monthly maintenance allowance is € 1309,64, being the payment method an option of the Fellow by Wire Transfer.

Selection methods: The selection methods will be the following: 1) scientific and academic merit (50%), 2) research experience (25%), and 3) motivation for the project (25%). In the event of a tie, the top-ranking candidates will be invited for an interview to clarify relevant details of their previous experience and motivation.

Composition of the selection Jury: Professor Mário Nuno de Matos Sequeira Berberan e Santos; Professor Arsénio do Carmo Sales Mendes Fialho; Doctor Nuno Filipe Santos Bernardes

Announcement/ notification of the results: The final evaluation results will be communicated to all applicants by email.

Deadlines and procedures of complaint and appeal. A complaint may be lodged from the final decision within 15 working days, or an appeal to the Executive Board of IST-ID within 30 working days, both counted from the respective notification

Application deadline and formalization: The call is open from May 5 until May 16, 2025.



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It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/concursos/bolsas/>); ii) *Curriculum Vitae*; iii) academic degree certificate, where applicable; iv) proof of enrollment at a course that does not award an academic degree; v) motivation letter; vi) declaration on honour that the applicant does not exceed with this contract an accumulated period of two years in this type of studentship, continuously or with interruptions.

Applications must be submitted to the email: nuno.bernardes@tecnico.ulisboa.pt



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