

(BL24/2025-IST-ID)

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

Applications are open for one Research Studentship, within the framework of project 2022.01501.PTDC WeakAc_R -Mechanistic insights into adaptation and increased robustness to acetic acid and other weak acids toxicity in yeasts, with the financial support of FCT through national funds,

Scientific Area: Biological Sciences

Admission Requirements:

- a) *to hold a bachelor's degree and a master's degree in the fields of biological sciences, biotechnology or related areas and be enrolled at a course that does not award an academic degree, integrated in the educational project of Instituto Superior Técnico, performed in association with iBB-Institute for Bioengineering and Biosciences;*
- b) *documented experience of previous research work on microbiology with preference for experience in molecular and cellular microbiology and functional and comparative genomics to facilitate the proper execution of the work program;*
- c) *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: The aim of this research program is to uncover novel and relevant biological knowledge on molecular mechanisms and signalling pathways underlying the global response and robustness of yeasts under stress induced by weak acids, with impact in circular bioeconomy.

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 the Institute for Bioengineering and Bioscience (iBB) of Instituto Superior Técnico, Universidade de Lisboa, under the scientific supervision of Professor Isabel Sá Correia.

Duration: The research fellowship will have a duration of 6 months, eventually renewed up to the maximum of 9 months, including the duration of the initial contract, and is expected to begin in March, 2025.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (https://www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM_atualizacao-2024.pdf), the amount of the monthly maintenance allowance is 1259,64 € being the payment method of the Fellow by wire transfer.

Selection methods: The selection methods to be used will be based on the analysis of the candidate's CV in terms of: 1) Academic and research merit; 2) Proven experience in the use of Molecular and Cellular Biology approaches. 3) Proven experience in Microbiology with emphasis on yeast research. The valuation to be used in the evaluation will be 30% for criterium 1), 40% for criterium 2) and 30% for criterium 3). An interview may take place to clarify curricular aspects. Only the candidates who achieve a score equal to or higher than 50% will be considered for the scholarship.

Composition of the selection Jury: Professor Isabel Sá-Correia, Professor Helena Vasconcelos Pinheiro and Professor Arsénio Mendes Fialho.

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



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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 February 27 until March 13, 2025.

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: isacorreia@tecnico.ulisboa.pt and mafalda.firmino@tecnico.ulisboa.pt



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