

(BL46/2025)

Research Studentships (for Master students)

Applications are open for 1 Research Studentship, within the scope of the SUS.STARCH project with financial support for operation No. 14334, Operation Code on no Balcão dos Fundos LISBOA2030-FEDER-00545100, financed by the European Regional Development Fund (FEDER), under the following conditions:

Scientific Area: Chemical Engineering Sciences

Admission Requirements: The candidate must be enrolled on a master's course related to the scientific area in question. In case the candidate is developing a master's dissertation, the work plan of said dissertation must be aligned with the work plan of the project. Failure to meet any of the criteria will lead to exclusion.

Workplan: The work plan will include the following points:

- Development of a spray dryer process to produce Clean Label Starch
- Physicochemical characterization
- Life cycle impact assessment
- Participation in dissemination and dissemination actions

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 CERENA in Instituto Superior Técnico, under the scientific supervision of Professor Rui Galhano dos Santos.

Duration: The research fellowship(s) will have a duration of 10 months. It's expected to begin in April 2025, and may be eventually renewed up to the maximum of 24 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/wp-content/uploads/2025/02/Tabela_valores_SMM_2025.pdf), the amount of the monthly maintenance allowance is €1 040,98, being the payment method of the Fellow by wire transfer.

Selection methods: The selection methods will be as follows: Motivation letter and curriculum evaluation, with the respective valuation of 70% and 30%, respectively. There may, if justified by the jury, be an interview with the 5 best candidates, and the candidates will later be ranked according to their performance in the interview.

Composition of the selection Jury: Professor Rui Galhano dos Santos, Professor Ana Clara Marques, Doutora Tânia Frade.

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 within 30 working days, both counted from the respective notification.

Application deadline and formalization: The call is open from March 18 until March 31, 2025.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<http://drh.tecnico.ulisboa.pt/bolseiros/formularios/>); ii) *Curriculum Vitae*; iii) academic degree



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certificate, where applicable; iv) proof of enrollment at an academic degree course (Master, Integrated Master); v) motivation letter;

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



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