

(BL24/2026-IST-ID)**Research Studentships (for students of a course that does not award an academic degree)**

Applications are open for one Research Studentship(s), within the framework of project POLYMERS-5B - Synthesis of Biobased and Biodegradable polymers using monomers from renewable Biowastes via Biocatalysis and Green Chemistry to contribute to European Circular Bioeconomy, (1801P.01378.1.05 – Polymers-5B) financed by European Commission , under the following conditions:

Scientific Area: Biochemical Engineering

Admission Requirements:

a) to hold a master degree

b) 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;

Workplan: The work plan of each grant is directly related to the tasks of the Polymers-5B project in which the work will take place, namely:

1. Extraction and characterization of monomers and chemical compounds extracted from biological sources, namely agricultural waste or industrial food production processes (e.g., Tomato and Olive Oil pomaces).

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; IST-ID Regulation of Scientific Research Fellowships, available on <https://ist-id.pt/recursos/documentos/recursos-humanos/bolseiros/#1690453819726-6707f7f2-ce04>

Workplace: The work will be developed at Institute of Bioengineering and Biosciences (iBB9 namely in Biocatalysis and Biotransformation Research Group (2BRG) in Instituto Superior Técnico, under the scientific supervision of Prof. Luis Fonseca.

Duration: The research fellowship(s) will have the duration of 12 months. It's expected to begin in March 2026. The contract is not renewable in this category.

Monthly maintenance allowance: The amount of the monthly maintenance allowance is €1309.64, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection method is related to the application for the work plan and with training in chemical and biochemical analytical methods and experience in:

1. Extraction and characterization of monomers and chemical compounds extracted from biological sources, namely agricultural residues or industrial food production processes (e.g. tomato and olive oil pomaces) (60 points).
2. Experience in solid-liquid and Liquid-liquid extraction of chemical and bioactive compounds via green chemistry and/or assisted enzymatic processes (20 points).
3. Availability to start working in February/March 2026 (20 points).

The selection will be made based on the curriculum evaluation. Only in the event of a tie between candidates, or if any doubts arise, will an interview be held with the candidate(s).

Composition of the selection Jury: Professors Luis Joaquim Pina da Fonseca, Marília Clemente Velez Mateus e Helena Maria Rodrigues Vasconcelos Pinheiro, researchers of Instituto de Bioengenharia e Biociências (iBB), e professor of Departamento de Bioengenharia do Instituto Superior Técnico.

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

Deadlines and procedures of complaint and appeal. After notification of the provisional list of evaluation results, candidates have a period of 10 working days to, if they wish, make a statement at a preliminary hearing of interested parties, in accordance with Articles 121 et seq. of the Code of Administrative Procedure. The final decision will be made after analyzing the statements presented at the preliminary hearing of interested parties. The final decision may be appealed to the competition jury or to the President of IST-ID within 15 working days of notification.

Application deadline and formalization: The call is open during 5 days from March 9 until March 13, 2026.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/recursos-humanos/bolseiros/#documentos-relacionados>); 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;

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