

(BL45/2026-IST-ID)

Research Studentships (Master or Integrated Master students)

Applications are open for up to two (2) Research Studentship(s), within the framework of The diversity of synthetic self-replicators in large supramolecular networks/IST-ID), (1801P.01682) 2024.14207.PEX, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Chemistry and Chemical Engineering

Admission Requirements: *To be enrolled at an integrated master or a master.*

Workplan: This project focuses on self-replication driven by self-assembly, using computer simulations and models. Workplan involved construction of chemical networks and analyzing them. Additional topics may include exploring those replicators' errors. The success of this project will teach us about the possible variety of replicators and can help us understand evolution as a universal phenomenon across chemistry and biology.

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://dre.pt/application/file/a/127230968> .

Workplace: The work will be developed at Center for Structural Chemistry (CQE) of IST-ID, under the scientific supervision of Prof. Zita Martins and Dr. Omer Markovitch

Duration: The research fellowship(s) will have the duration of 8 months. It's expected to begin in 05/2026, and may be eventually renewed up to the maximum of 16 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 € 1090.98, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: *Curriculum evaluation (40%), individual interview (40%), cover letter (20%)*), with the respective weight of 0.4, 0.4, and 0.2. Up to two positions will be filled.

Composition of the selection Jury: Prof. Zita Martins, Prof. Joao Canario, Dr. Omer Markovitch

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 April 15 until April 28, 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 an academic degree course (Master, Integrated Master); v) motivation letter;

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



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