

Research Studentships (Master or Integrated Master students)

Applications are open for one Research Studentship, within the framework of project “SuperOpTyMe – Radiolabeled opine-type metallophores as new targeted PET imaging probes for selective detection of Superbugs infection” / C2TN – Centro de Ciências e Tecnologias Nucleares, (1801P.01553.1.01) 16681-LISBOA2030-FEDER-00786200 - IST-ID, financed by national funds through FCT and co-financed by the European Regional Development Fund (FEDER) through COMPETE – “Programa Operacional Fatores de Competitividade”, under the following conditions:

Scientific Area: Basic Sciences and Applied Life Sciences

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

Workplan: The work to be developed will focus primarily on the characterization in aqueous solution of new metallophore analogues inspired by staphylopine, followed by the synthesis and characterization of novel radiometal complexes, as well as their non-radioactive analogues. In addition to the experimental work in the laboratory, the research fellow will also be responsible for compiling the results obtained and presenting them periodically to other project members, as well as for writing scientific publications related to the work carried out.

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 C2TN – Centro de Ciências e Tecnologias Nucleares of Instituto Superior Técnico, under the scientific supervision of Dr Ana Sofia Cavaleiro Gama

Duration: The research fellowship(s) will have the duration of 12 months. It's expected to begin in October/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/fct-atualizou-o-valor-das-bolsas-para-2025/>), the amount of the monthly maintenance allowance is € € 1 040,98, being the payment method an option of the Fellow by Wire Transfer.

Selection methods: The selection methods will be the following: curriculum evaluation (50%), experience in the research project area (50%), with each evaluation item scored up to a maximum of 20 points.

In the curriculum evaluation, professional activity and experience in the disciplinary/scientific area of Medicinal Chemistry will be valued, in particular experience in the use of experimental techniques such as NMR, potentiometry, and UV–Vis spectroscopy for the characterization of metal complexes.

Composition of the selection Jury: Dra Ana Sofia Cavaleiro Gama (Assistant Researcher C2TN, Project PI), Dra Maria Paula Cordeiro Crespo Cabral Campello (Assistant Researcher C2TN/DECN), Dra Célia Maria da Cruz Fernandes (Principal Researcher C2TN/DECN).

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

Application deadline and formalization: The call is open from September 29 until October 10, 2025.



Fundação
para a Ciência
e a Tecnologia

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 an academic degree course (Master, Integrated Master); v) motivation letter.

Applications must be submitted to the email: sofia.gama@ctn.tecnico.ulisboa.pt



Fundação
para a Ciência
e a Tecnologia