

(BL83/2025)

### Post-Doctoral Research Fellowships

Applications are open for 1 Post-Doctoral Research Fellowship, within the scope of the CORKBIND project with financial support for operation No. 17782, Operation Code on no Balcão dos Fundos COMPETE2030-FEDER-01341900, financed by FEDER, under the PT2030 Partnership Agreement, under the following conditions:

**Scientific Area:** Chemical Engineering Sciences

**Admission Requirements:** The applicants must have completed a PhD course, and got their degree. Also, it is mandatory previous experience on biomass valorization. Moreover, according to Article 7 of FCT Regulation for Research Studentships and Fellowships (Reg. nr. 950/2019): a) *to hold a PhD degree obtained in the 3 years previously to the submission of the fellowship application;* b) *to have carried out the research work that led to the PhD degree in a different entity from the host institution of the fellowship;* c) *Not to exceed, with this fellowship contract, including the possible renovations, an accumulated period of 3 years in this type of fellowship, continuously or with interruptions;* d) *Not to have previously held a post-doctoral fellowship from IST.*

**Workplan:** The work plan will include the following points:

1. Synthesis and characterization of bio-based molecules, also including those that can be obtained from the valorization of biomass and related residues
2. Preparation of reports and scientific contributions
3. Participation in project meetings
4. Project management support

**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 of IST under the scientific supervision of Professor Rui Galhano dos Santos and Professor Joana Neiva Correia.

**Duration:** The research fellowship(s) will have a duration of 12 months, renewable up to 24 months, including the duration of the initial contract. It's expected to begin in June 2025.

**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 € 1851, being the payment method of the Fellow by wire transfer.

**Selection methods:** The selection methods to be used will be as follows: Motivation letter and curriculum evaluation, with the respective values of 50% and 50%, respectively. If justified by the jury, there may be an interview with the three 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, Professora Joana Correia Neiva

**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 May 5 until May 16, 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 certificate; iv) motivation letter; v) declaration on honour that the applicant does not exceed with this contract an accumulated period of three years in this type of fellowship, continuously or with interruptions, within the technological and scientific system, and that the research work that led to the PhD degree was carried out in a different entity from the host institution of the fellowship.

Applications must be submitted to the email: [bolsas@drh.tecnico.ulisboa.pt](mailto:bolsas@drh.tecnico.ulisboa.pt)