

CALL FOR RESEARCH GRANT

A call for one Post-Doctoral research fellowship is open, in the framework of the inpactus - Innovative Products and Technologies from Eucalyptus project (reference: POCI-01-0247-FEDER-021874), co-financed by the European Regional Development Fund, through Portugal 2020 (PT2020), and by the Competitiveness and Internationalization Operational Programme (COMPETE 2020) in the following conditions:

Scientific area: Chemical Engineering.

Admission requirements: PhD in Chemical Engineering

Candidates must verify cumulatively the legal admission requirements (no. 3, article 7 of RBIFCT)

- a) Doctoral degree obtained in the three years prior to the application submission;
- b) Postdoctoral investigation carried out in an organization different to the organization where the doctoral degree was obtained;
- c) Research activities do not require postdoctoral experience;
- d) Research activities have a development and execution period of three years or less;
- e) The fellowship does not exceed, with this contract, including possible renewals, an accumulated period of three years in this type of scholarship, consecutive or interpolated .

Work plan: This scholarship aims at developing research work as well as supporting the inpactus project management, in the context of advanced training of post-doctoral nature, framed by the following activities of the inpactus project:

Development of differentiated products in the business area of biorrefinery;
Evaluation and characterization of new products in the business area of biorrefinery;
Pre-evaluation of the production potential of new products in the business area of uncoated woodfree papers;
Development of differentiated products in the business area of uncoated woodfree papers;
Evaluation of the technical and economical feasibility of new products, technologies and services).

Regime: The attribution of the fellowship does not generate or entitle a relation of a legal-labour nature, and the fellowship is undertaken in an exclusive dedication regime. The fellow is granted with the Fellow Statute of the UC, in its current wording, according to the Statute of the Scientific

Research Fellow, and according to the Regulation of Research Grants of the Fundação para a Ciência e a Tecnologia, I.P., both in their current wording.

Location: Department of Chemical Engineering, Faculty of Sciences and Technology at the University of Coimbra.

Duration: 12 months.

Renewal: Eventually renewable .

Scientific orientation: Professor Paulo Jorge Tavares Ferreira.

Financial conditions: The amount of the grant is € 1.600€ corresponding to the monthly compensation stipulated in the FCT table (<https://www.fct.pt/apoios/bolsas/valores.phtml.en>), plus social security (Seguro Social Voluntário, first level contributions) and personal accidents insurance. The payment will be made by bank transfer. This amount will not be increased during the entire period of the grant duration.

Selection methods: Curricular evaluation (50%) and interview (50%) to be carried out to the 2 best placed in the Curricular Evaluation.

Selection criteria: The assessment of the candidate's CV is made in accordance with the criteria mentioned below:

Merit of the CV (20%); Relevance of the area of the academic background (20%); Scientific performance of the candidate in the last 3 years in the area or areas for which this tender is open (10%); Demonstrated knowledge in the management of projects in the last 3 years (10%); Scientific knowledge related with the topic of the fellowship (40%).

The assessment of the interview is based on the following criteria: Communication and verbal expression (15%); English skills (10%); Analysis and critical capabilities (25%); Motivation and interest (25%); demonstration of knowledge acquired in the area or areas for which this tender is open (25%).

Jury responsible for selection: Professor Maria da Graça Videira de Sousa Carvalho, Professor Paula Cristina de Oliveira Rodrigues Pinto and Paulo Jorge Tavares Ferreira.

Formalization of application: Applications must be formalized by sending the following documents by email:

- application letter;
- curriculum vitae;
- copy of the certificates of qualifications (BSc, MSc) and Doctoral certificate; copy of the published papers, of the PhD;
- Thesis and other documents considered relevant by the candidate; names and e-mail addresses of two contacts to obtain references;
- Declaration on the honor of the candidate with the indication of scholarship(s) of the present type held and the respective duration.

Candidates with foreign academic diplomas are obliged to present records of the recognition of such diplomas according to the Portuguese law.

Applications submission: Applications must be formalized by sending all the required documentation, by email, to paulo@eq.uc.pt, with the reference BPD_UC_021874.

Submission of applications: Between 14/08/2020 and 04/09/2020.

Publication date: 04/09/2020.

Submission deadline date: 13/08/2020.

Additional information: The evaluation results will be announced within 90 days after the end of the applications submission deadline, by notifying the applicants via email. After the announcement of the results, candidates are considered automatically notified to, if they wish to do so, comment on the results on a preliminary hearing period within 10 days after that date. After this, the selected candidates will have to declare in writing their acceptance. Unless a justification worthy of consideration is presented, if the declaration is not submitted within the referred period, it is considered that the candidate waives the grant. In case of resignation or withdrawal of the selected candidate, the next candidate with the highest evaluation score will be notified immediately.