

CALL FOR RESEARCH GRANT

A call for one Post-Doctoral or Master research fellowship is open, in the framework of the in pactus - 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 or related fields.

Admission requirements: PhD or Master in Chemical Engineering or related fields.

Candidates with PhD 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.

Candidates with master degree need to have a registration in the PhD program or other non-degree course related to fellowship.

"Courses not conferring an academic degree" are the courses referred to in paragraph e) of number 3 of article 4 of Decree-Law no. 74/2006, of 24 March, in the current wording, provided that they are developed in association or cooperation between the higher education institution and one or more R&D units, in accordance with the provisions of paragraph e) of article 3 of the Regulation of Research Grants of the Fundação para a Ciência e a Tecnologia, I.P.

Candidates with Master degree will be hired only if PhD degree holders do not apply, or if they do apply, they are not from the scientific area, and / or do not have experience in the professional field requested by the call .

Work plan:

This scholarship aims at developing research work as well as supporting the in pactus project management, in the context of advanced training of post-doctoral nature, framed by the following activities of the in pactus 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 woodfrer 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 € [1616,00 in the case of Pos-Doc position or 1074,64€ in the case of Master research fellowship 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 (Curricular Evaluation) is made in accordance with the following criteria:

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 made in accordance with 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, Investigator Paula Cristina de Oliveira Rodrigues Pinto and Professor 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;
- 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;
- Proof of registration in the PhD program or other non-degree course (only for Master applications).

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

Applications submission: Candidates must submit the application by email to paulo@eq.uc.pt, indicating in the subject the reference BPD_UC_021874.

Submission of applications: Between 08/01/2021 and 21/01/2021.

Publication date: 07/01/2021.

Submission deadline date: 21/01/2021.

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.