

Job: RESEARCH GRANTS (2)

Main research field: Chemistry

Sub research field: Medicinal Chemistry

Job summary:

A call is open to award two research grants to develop research activities within the R&D project “New image biomarkers in the assessment of chronic total coronary occlusions”, Chemistry Centre of University of Minho, 31/SI/2017 - Corporate R&DT (Co-promotion) 39698, co-financed by the National Innovation Agency, through the Competitiveness and Internationalization I Compete 2020 Operational Program of PORTUGAL 2020.

Job description:

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Research Field: Medicinal Chemistry or related field.

Recipients: Candidates with a master degree in Medicinal Chemistry or related field with publications in peptide synthesis and registered at the date of application in a course not conferring an academic degree integrated in the educational project of UMinho, developed in association or cooperation with one or several R&D units.

Eligibility criteria: The applicants must meet the eligibility conditions indicated in the article 9th of Regulation of the research grants of the Portuguese Foundation for Science and Technology I.P (2019).

Work plan: The work plan is part of the Specialized Training Course in Fundamentals for Scientific Research (Curso de Formação Especializada em Fundamentos para a Investigação Científica) of UMinho and aims to acquire scientific skills and research techniques in the area of design, synthesis, purification and characterization of arginine-glycine-aspartic acid cyclic peptide derivatives (RGD) for addressing metal complexes to integrins for coronary occlusion studies.

Applicable legislation and regulations: “Estatuto do Bolseiro de Investigação”, approved by Law nº 40/2004 of 18th of August, in its current form published by Decree-Law nº 123/2019 of 28th of August; Regulation of the research grants of the Portuguese Foundation for Science and Technology. (<http://www.fct.pt/apoios/bolsas/regulamento.phtml>); “Regulamento de Bolsas Regulamento de Bolsas da Universidade do Minho”, published at “Diário da República n.º 119/2020, Série II de 2020-06-22”

Work place: The research work will be developed at the Chemistry Centre, School of Sciences of University of Minho, under the scientific supervision of Professor Paula Margarida Ferreira and Professor José Alberto Martins.

Duration of the Grant: The grant will have the maximum duration of 12 months.

Monthly value of the grant: The value of the grant corresponds to €1104,64, according to the pay scale for the grants funded directly by FCT, I.P. in Portugal (Appendix I - Table of monthly maintenance allowances of the FCT I.P. Research Scholarship Regulation. Other benefits: Voluntary Social Security reimbursement, corresponding to the 1st level of the contributory tax base (for scholarships lasting 6 months or more) and Personal Accident Insurance.

Composition of the selection Jury:

- Professor José Alberto Martins, Assistant Professor at UMinho (President)
- Paula Margarida Vidigal Soares Teixeira Ferreira, Associate Professor at UMinho (Effective member)
- Peter John Jervis, Researcher at UMinho (Effective member)
- Maria João Ribeiro Peixoto Queiroz, Coordinating Researcher at UMinho (Substitute member)
- João Carlos Marcos, Assistant Professor at UMinho (Substitute member)

If the President is unavailable, he shall be replaced by the first effective member, being the first substitute member replacing the effective member.

Criteria and procedures for the evaluation and selection: The evaluation of applications will focus on the candidate's Merit, applying the following evaluation criteria, expressed in a scale from 0 and 5.

Candidate's Merit - MC (100%):

- a) Final classification obtained in the master - 40%
- b) Previous experience in the field of the project – 50%
- c) Motivation letter- 10%

The candidate's final classification of merit will be obtained by applying the following formula:

$$MC=(a*0,4)+(b*0,5)+(c*0,1)$$

Documents proving the ownership of academic degrees and diplomas, or the respective recognition when they have been awarded by foreign higher education institutions, can be dispensed in the application phase, being replaced by the candidate's declaration of honor, occurring the verification of this condition only in contracting phase of the scholarship. This declaration must attest facts occurred in date prior to the application. In situations of divergence between the information contained in the declaration and the documentation delivered for the purpose of contracting the scholarship, only the information contained in the latter will be considered. If it is found that the documents proving the ownership of the academic degree and diploma, or the respective recognition under the terms of Decree-Law No. 66/2018, of 16 August, do not correspond to the classifications attributed in the evaluation of the academic path and may, consequently, changing the candidate's ranking, the scholarship will be not contracted.

Note: Candidates with foreigner academic degrees must submit a recognition of their academic degree in Portugal with a convergence of the final grade to the Portuguese scale, or a declaration of honor (described in the previous point). To the candidates that do not provide these documents, the selection committee will assign a minimum grade of 10 out of 20 to their MSc

grade, for those in the same circumstances, but with two diplomas, diploma plus master, a grade of 10 (on the scale of 0 to 20) will be assigned to both diplomas.

Dissemination of results: The evaluation results, based on minutes, will be sent to candidates by e-mail, within 90 working days after the deadline for submission of applications. If the result is unfavorable for the applicant, he/she has a period of 10 working days to comment, if he/she wish, in the context of a prior hearing with interested parties, under the terms of article 121 and 122 of the Administrative Procedure Code (DL nº 4 / 2015 of January 7).

Complaint and appeal procedures: The final results of the evaluation will be published through an ordered list (alphabetically, according to the final grade obtained), posted in a visible and public place of the hosting institution, as well as by e-mail to all applicants, attaching, for this purpose, the minutes with the deliberations of the jury.

The selected applicant must indicate, in writing, the intention to accept the grant. In case of non acceptance, the grant will be awarded to the candidate in order of final ranking.

The final decision can be contested, having 15 working days for this purpose, by sending to the President of the jury the corresponding claim. Interested parties may also submit an optional hierarchical appeal, addressed to Mr. Pro-Rector for Research and Projects, Professor Doctor Filipe Vaz.

Application deadline and form of submission of applications: The call is open from 18 June to 1 July 2021.

Applications must be made through an application letter together with the following documents: Curriculum Vitae, certificates of graduation degrees with grades (or additional transcript of grades) or a Declaration of Honour; document proving enrolment in *Curso de Formação Especializada em Fundamentos para a Investigação Científica* of UMinho at the date of application; motivation letter

All applications must be submitted by email to the following address: bolsas@ecum.uminho.pt, with the following subject: "Bolsa de Investigação - CQ-BI-03/2021 - BIOIMAGE CTO -21".