

Faculty of Pharmacy Research and Development Association  
Call for the award of 1 (One) Research Grant for students enrolled master's degree or  
integrated master's degree (Bolsa de Investigação)

Notice No. BIM/05/FARM-ID/2024

Under the Regulation of Research Grants of the Foundation for Science and Technology, IP, Regulation No. 950/2019, published in Diário da República, 2nd Series, No. 241, of December 16, 2019, of the Regulation of Research Grants of the University of Lisbon, Dispatch No. 6238/2020, published in Diário da República, 2nd Series, No. 113, of June 12, 2020, re-published through Dispatch No. 8061/2022, published in Diário da República, 2nd Series, No. 126, of July 1, 2022, and of the Statute of the Research Fellowship (EBI), Decree-Law no. 123/2019, of August 28, published in the Diário da República, 1st Series, no. 164, of August 28, 2019, it is made known that a call for the award of 1 (one) Research Grant for students enrolled master's degree or integrated master's degree within the scope of the project PTDC/QUI-QOR/0712/2020, titled "*1Pot2Cat: one-pot bimetallic catalyzed synthesis of challenging heterocycles*", funded by Foundation for Science and Technology, IP (FCT, I.P.), is open under the following conditions:

I. Scientific Area: Organic chemistry or related areas.

II. Admission Requirements:

- Bachelor's degree in Pharmacy, Organic Chemistry or related areas.<sup>1</sup>
- Enrolled in a master's degree or an integrated master's degree in Chemistry or related areas.<sup>2</sup>

<sup>1</sup>Academic degree obtained in foreign countries require recognition by a Portuguese Institution in accordance with Decree-Law No. 66/2018, of August 16th and Ordinance No. 33/2019, of January 25th. Presentation of recognition is mandatory for signing the contract. For more information, you should access the Directorate-General for Higher Education page via the link: [Reconhecimento de Graus e Diplomas Estrangeiros de Ensino Superior | DGES](https://www.dges.gov.pt/pt/reconhecimento-de-gradua%C3%A7%C3%B5es-e-diplomas-estrangeiros-de-ensino-superior).

<sup>2</sup> During the application stage, if the candidates do not have in their possession the documents proving that they Master's or integrated master's degree, this document may be replaced by a declaration of honour. The proof of the enrolment through the presentation of the certificate must be carried out until the hiring, under penalty of annulment of the candidate's assessment due to error on the assumptions of fact, and consequent exclusion from this call.

Preferred Requirements:

- Demonstrated organic synthesis capacity.
- Demonstrated experience in the synthesis of heterocycles with multiple heteroatoms.
- Demonstrated experience in mass spectrometry.
- Experience on the use of mass spectrometry for the elucidation of reaction mechanisms.

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- III. **Research Grant Duration:** The research will have a duration of 6 months eventually renewable, up to a maximum of 10 months, expected to start in April 2024, on an **exclusivity regime**, in accordance with the terms of the Regulation of Research Grants of the Foundation for Science and Technology, IP.
- IV. **Work plan:** The objective of this work program is the elucidation of reaction mechanism for bi-metallic catalysed transformations using mass spectrometry and the synthesis of densely functionalized heterocycles featuring Boron, Nitrogen and Oxygen heteroatoms.
- V. **Workplace and Scientific Guidance:** The work will be carried out in Laboratory of synthesis, (Building A) at the premises of the Faculty of Pharmacy of the University of Lisbon, under the scientific guidance of Pedro Miguel Pimenta Góis, Assistant Professor with habilitation, at the Faculty of Pharmacy of University of Lisbon.
- VI. **Monthly maintenance stipend:** The monthly maintenance stipend (grant) corresponds to € 990,98, according to the table of values directly attributed by FCT, I.P. in Portugal ([https://www.fct.pt/wp-content/uploads/2023/02/Tabela-de-Valores-SMM\\_2023.pdf](https://www.fct.pt/wp-content/uploads/2023/02/Tabela-de-Valores-SMM_2023.pdf)). Payment will be made via bank transfer.
- In addition to the monthly maintenance stipend the grant holder will also be awarded with the value correspondent to the payment of the first step of Seguro Social Voluntário (voluntary payment of Social Security), in case he/she chooses to be included in this regime.
- VII. **Formalization of applications:** Applications must be sent in non-editable format (PDF), to the address [concursos@farm-id.pt](mailto:concursos@farm-id.pt), containing the identification of the above mentioned notice. Applications in paper format will not be accepted.
- VIII. **Application deadline:** The deadline for applications is from March 15<sup>th</sup> to March 28<sup>th</sup> 2024 (10 working days).
- IX. **Evaluation and rating criteria:**

**Candidate's Merit:** Aims to assess compliance with the formal requirements requested in the opening notice, but also to consider the suitability of the scientific area of training and/or specialization, training and professional experience, with a maximum weighting of 100%.

- **Adequacy of the Scientific Training Area (AACF):** Maximum weighting of 25%
  - Suitability of the area of the Bachelor's degree in Pharmacy, Organic Chemistry and the master's or an integrated master's degree in Chemistry or related areas (ALM) - 0 to 20 points



- Training and Experience (FE): Maximum weighting of 25%
  - Demonstrated organic synthesis capacity. (EXPDSMO) – 0 to 20 values
  - Demonstrated experience in the synthesis of heterocycles with multiple heteroatoms. (EXPDSMHC) – 0 to 20 values
- Specific competencies for the proposed work plan (CEPTP): Maximum weighting of 50%
  - Demonstrated experience in mass spectrometry. (CAEEM) – 0 to 20 values
  - Experience on the use of mass spectrometry for the elucidation of reaction mechanisms. (EMREM) – 0 to 20 values

**Final Classification:** The score obtained in the final classification results from the sum of the points obtained in the Candidate's Merit, an individual form being out for each candidate.

**X. Instruction of Application:**

- a) Form containing the candidate's identification (*available on the institutional website*);
- b) Curriculum Vitae containing the information necessary for the evaluation of the application;
- c) Proof of Bachelor's in Pharmacy, Organic Chemistry or related areas;
- d) Proof of enrolment on a master's degree and/or integrated master's degree in Chemistry or related areas (*available on the institutional website*);
- e) Declaration on honour stating that there is no professional activity that violates the exclusivity regime (*available on the institutional website*);
- f) Letter of motivation;
- g) Contact of two references (*optional*);
- h) Other supporting documents considered relevant.

All the documents necessary for the correct application are available on the institutional website through the link: <https://www.ff.ulisboa.pt/faculdade/recursos-humanos/recrutamento/anuncio-para-atribuicao-de-1-uma-bolsa-de-investigacao-para-estudantes-inscritos-em-mestrado-ou-mestrado-integrado-aviso-n-o-bim-05-farm-id-2024>.

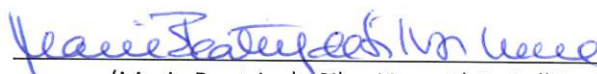
The documents that instruct the application must be submitted in Portuguese or English language.

No document that should have been submitted in the application phase can be submitted after the deadline set in the opening notice. Failure to comply with the deadline set for the submission of the application, as well as the lack or late submission of documents referred to in this point will determine the exclusion from the competition.

- XI. **Composition of the Jury:** The Jury responsible for the selection will be constituted by:  
President – Pedro Miguel Pimenta Góis, Associate Professor with Habilitation, FFUL;  
1<sup>st</sup> Member of the Jury – Carlos Alberto Mateus Afonso, Full Professor, FFUL;  
2<sup>nd</sup> Member of the Jury – Tiago Correia de Oliveira Rodrigues, Assistant Professor, FFUL;  
1<sup>st</sup> Alternate Member of the Jury – João Pedro Marante António, Junior Researcher of the Pharmacy Faculty the University of Lisbon.
- XII. **Form of notification of results:** All candidates will be notified of the final results of the evaluation by email, and will have 10 working days after the aforementioned notification to say something, in accordance with the terms of the Code of Administrative Procedure.
- After this notification, and in case there are no claims, the results will become final. In case of claims, and after the allegation is analysed and accepted or rejected, the results will become final after 10 business days.
- After the final decision is made, a complaint/appeal can be filed to the Director of the FARM-ID – Faculty of Pharmacy Research and Development Association, Maria Beatriz da Silva Lima, PhD, Full Professor, within 10 working days from the date of notification.
- XIII. **Applicable legislation and regulations:** Regulation of Research Grants of the Foundation for Science and Technology, IP, Regulation No. 950/2019, published in *Diário da República*, 2<sup>nd</sup> Series, No. 241, of December 16, 2019, of the Regulation of Research Grants of the University of Lisbon, Dispatch No. 6238/2020, published in *Diário da República*, 2<sup>nd</sup> Series, No. 113, of June 12, 2020, re-published through Dispatch No. 8061/2022, published in *Diário da República*, 2<sup>nd</sup> Series, No. 126, of July 1, 2022, and of the Statute of the Research Fellowship (EBI), Decree-Law no. 123/2019, of August 28, published in the *Diário da República*, 1<sup>st</sup> Series, No. 164, of August 28, 2019.

Faculty of Pharmacy Research and Development Association, 14<sup>th</sup> March 2024.

The Director,



(Maria Beatriz da Silva Lima, PhD, Full Professor)