

Faculty of Pharmacy Research and Development Association
Call for the award of 1 (One) Research Grant for Post-Doctoral Researchers

Notice No. BIPD/11/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 16 December 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 12 June 2020, re-published through Dispatch No. 8061/2022, published in *Diário da República*, 2nd Series, no. 126, of 1 July 2022, and of the Statute of the Research Fellowship (EBI), Decree-Law no. 123/2019, published in *Diário da República*, 1st Series, no. 164, of 28 August 2019, in its current wording, it is made known that a call for the award of **1 (one) Research Grant for Post-Doctoral Researchers** within the scope of the project titled “*Application of AI/ML to Optimize the Formation of TB drug Intermediates*”, funded by Bill & Melinda Gates Foundation, is open under the following conditions:

- I. **Scientific Area:** Pharmacy, Organic chemistry
- II. **Admission Requirements:**
- PhD in Pharmacy, Organic Chemistry or related areas¹.
 - PhD awarded not more than three years to the date of this application.
 - Have performed the PhD research in an institution different from the host institution in this application.

¹ All higher education degrees and diplomas awarded by foreign higher education institutions need to be recognised by a Portuguese Institution in accordance with Decree-Law no. 66/2018, of 16 August. The presentation of the recognition is mandatory for signing the contact. For further information, please visit [Degree and Diploma Recognition | DGES](#).

Preferred Requirements:

- Knowledge in modern chemistry, analytical methods and artificial intelligence.

III. **Research Grants Duration:** The research will have a duration of **12 months non renewable**, starting in December 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:** optimization of synthetic pathways towards anti-TB agents, using flow chemistry and artificial intelligence.

V. **Workplace and Scientific Guidance:** The work will be carried out in FARM-ID - Associação da Faculdade de Farmácia para a Investigação e Desenvolvimento at the premises of the Faculty of Pharmacy of the University of Lisbon, in building F, under the scientific guidance of Tiago Correia de Oliveira Rodrigues, Associate Professor at this Institution.

VI. Monthly maintenance stipend: The monthly maintenance stipend (grant) corresponds to **1.801,00€**, according to the table of values directly attributed by FCT, I.P. in Portugal (https://www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM_atualizacao-2024.pdf). Payment will be made via bank transfer.

In addition to the monthly maintenance stipend, the grant holder will also be awarded the value corresponding 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, containing the identification of the notice mentioned above-mentioned (Notice no. BIPD/11/FARM-ID/2024). Applications in paper format will not be accepted.

VIII. Application deadline: The application deadline is from **November 12nd to November 25th 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):** Candidates will be ranked based on their background and scientific area, with a maximum weighting of 50%.
 - PhD in Pharmacy, Organic Chemistry or related areas (**DO**)– 0 to 20 values
- **Training and Experience (FE):** Maximum weighting of 30%.
 - Knowledge of modern organic chemistry and analytical methods (**CMMQOMA**)– 0 to 20 points.
- **Specific competencies for the proposed work plan (CEPTP):** Maximum weighting of 20%.
 - Knowledge in artificial intelligence, LCMS, TB biology (**CIALCMSBT**) – 0 to 20 values;
 - Ability to communicate in english (**CING**) – 0 to 20 values.

If necessary, an individual interview will be carried out with the best 2 candidates, in which case the interview will not be scored or weight in the Final Classification and will only serve to clarify the information provided.

Final Classification: The score obtained in the final classification results from the sum of the points obtained in the Candidate's Merit, in which an individual form will be filled for each candidate. The Interview will not have weight.

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) Certificate proving the possession of a PhD degree in Pharmacy, Organic Chemistry, or related areas (if awarded by a Portuguese Higher Education Institution) or copy of Doctor degree recognition (if awarded by a Foreign Higher Education Institution).
- d) Declaration of honour stating that there is no professional activity that violates the exclusivity regime (*available on the institutional website*);
- e) Letter of motivation indicating your experience and adaptation to the work plan, in particular the preferential factors and the interest of the grant for your future prospects, as well as the immediate possibility of joining the project (1 page summary);
- f) Contact of two references;
- g) 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-pos-doutoral-aviso-n-o-bipd-11-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 – Tiago Correia de Oliveira Rodrigues, Associate Professor, FFUL
- 1st Member of the Jury – Rui Ferreira Alves Moreira, Full Professor, FFUL
- 2nd Member of the Jury – Carlos Alberto Mateus Afonso, Full Professor, FFUL
- 1st Substitute Member of the Jury – Rafael Filipe Teixeira Arbuèz Gomes, Assistant Professor, FFUL
- 2nd Substitute Member of the Jury – Francisca da Conceição Lopes, Associate Professor with habilitation, FFUL

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*, 2nd Series, No. 241, of 16 December 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 12 June 2020, re-published through Dispatch No. 8061/2022, published in *Diário da República*, 2nd Series, no. 126, of 1 July 2022, and of the Statute of the Research Fellowship (EBI), Decree-Law no. 123/2019, published in *Diário da República*, 1st Series, no. 164, of 28 August 2019, in its current wording.

Faculty of Pharmacy Research and Development Association, 11st November 2024.

The Vice-Presidente of FARM-ID,

(Maria do Rosário Beja de Figueiredo Gonzaga Bronze, PhD, Full Professor)