

Faculty of Pharmacy Research and Development Association
Call for the award of 1 (one) Research Grant for students enrolled in a PhD program

Notice No. BID/3/FARM-ID/2023

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, 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, republished by Dispatch No. 8061/2022, published in *Diário da República*, 2nd Series, no. 126, of July 1st, 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, it is made known that a call for the award of 1 (one) Research Grant for students enrolled in a PhD within the scope of the project 2022.04884.PTDC, titled "*Nanoplastic Toxicity: from gut inflammation to systemic effects*", funded by Fundação para a Ciência e a Tecnologia, I.P., is open under the following conditions:

I. Scientific Area: Toxicology

II. Admission Requirements:

- Integrated Master's degree or Master's degree in Pharmaceutical Sciences, Biomedical Sciences, Biochemistry, or related areas;
- Being enrolled in a PhD program in Pharmacy¹

¹ During the application stage, if the candidates do not have in their possession the document proving that they are enrolled in a PhD program, 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:

- Experience in cell culture and in vivo assays with fish;
- Experience in biochemistry and molecular biology techniques (Western blot; RT-PCR; Immunohistochemistry)

III. **Research Grant Duration:** The research will have a duration of 6 months, eventually renewable until the end of the project, starting in April 2023, 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 work plan involves performing toxicological assays with cell cultures and zebra-fish (*Danio rerio*) to evaluate the toxicity mechanisms of nanoplastics, including the treatment and analysis of samples by Western Blot, RT-PCR and Immunohistochemistry.

MBN

V. **Workplace and Scientific Guidance:** The work will be carried out in the toxicology laboratory, at the premises of the Faculty of Pharmacy of Universidade de Lisboa, under the scientific guidance of Vasco Rui Veloso Neves Branco, Junior Researcher, at the Faculty of Pharmacy of Universidade de Lisboa.

VI. **Monthly maintenance stipend:** The monthly maintenance stipend (grant) corresponds to 1.199,64€, 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). 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, 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 February 28th to March 13th 2023 (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 20%
 - Adequacy of scientific area (AAC) – Maximum weighting of 10%
 - Classification of academic degrees (CGA) – Maximum weighting of 10%
- **Training and Experience (FE):** Maximum weighting of 30%
 - Experience in Environmental Toxicology (ETA) – Maximum weighting of 10%
 - Research papers (PCA) – Maximum weighting of 10%
 - Communications in Conferences (PCCC) – Maximum weighting of 10%
- **Specific competencies for the proposed work plan (CEPTP):** Maximum weighting of 50%
 - Cell Culture (CC) – Maximum weighting of 10%
 - Assays with fish (EP) – Maximum weighting of 10%
 - Western blot (WB) – Maximum weighting of 10%
 - RT-PCR (RPCR) – Maximum weighting of 10%
 - Immunohistochemistry (I) – Maximum weighting of 10%

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 FARM-ID's website);
- b) Curriculum Vitae containing the information necessary for the evaluation of the application;
- c) Proof of obtaining an Integrated Master's degree or Master's degree in Pharmaceutical Sciences, Biomedical Sciences, Biochemistry, or related areas;
- d) Proof on enrolment in a PhD in Pharmacy, or substitution by presenting a declaration of honour;
- e) Declaration on honour stating that there is no professional activity that violates the exclusivity regime (available on the FARM-ID's website);
- f) Letter of motivation;
- 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/bolsadeinvestigacaoparaestudantesdedoutoramento-2022-04884-ptdc>

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 – Vasco Rui Veloso Neves Branco, Junior Researcher, Faculty of Pharmacy University of Lisbon;
- 1st Member of the Jury – Marta Susana Silvestre Gouveia Martins, Assistant Professor, NOVA School of Sciences and Technology, FCT NOVA;
- 2nd Member of the Jury – Cristina Maria Leitão de Carvalho, Associate Professor, Faculty of Pharmacy University of Lisbon;
- 1st Alternate Member of the Jury – Ana Filipa Ferreira do Vale, Assistant Researcher, Faculty of Pharmacy University of Lisbon;
- 2nd Alternate Member of the Jury – Neusa Lindorosa Loureiro Figueredo Motubane, Assistant Professor, NOVA School of Sciences and Technology, FCT NOVA

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.

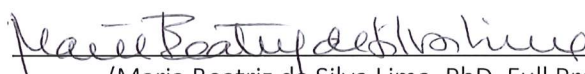
After this notification, and in case there are no claims, the results will become final. In case of claims, and after the allegation is analysed and accepted or rejected, the results will become final after 10 business days.

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, I.P. (FCT, IP), Regulation no. 950/2019, published in the *Diário da República*, 2nd Series, no. 241, of December 16, 2019, of the Regulation of Research Grants of the University of Lisbon, Order no. 6238/2020, published in the *Diário da República*, 2nd Series, no. 113, of 12 June 2020, republished by Dispatch No. 8061/2022, published in *Diário da República*, 2nd Series, no. 126, of July 1st, and of the Research Fellowship Statute (EBI), Decree-Law no. 123/2019, of 28 August, published in *Diário da República*, 1st Series, no. 164, of 28 August 2019.

Faculty of Pharmacy Research and Development Association, February 27th 2023

The Director,


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