

Research Scholarship for PhD Degree

Title: Research Grant – BM - PTDC/CTM-REF/2679/2020

Funding Reference Number: – PTDC/CTM-REF/2679/2020

Summary: A research position for one Research Grant (“Bolsa de Doutor”) is open at Centro Hospitalar Universitário Lisboa Norte, in the scope of the Project SmartGlauco - PTDC/CTM-REF/2679/2020. This project is supported by the Foundation for Science and Technology under the program Project Grants in all Scientific Domain

Scientific Area: Chemical Engineering or related areas

Admission Requirements: Master’s degree in Chemical Engineering, Materials Science Engineering, or related areas, with great-motivation and ability for teamwork. Background in layer-by-layer films preparation with application in ophthalmology therapeutics will be also valued. The candidate must be enrolled in a doctoral program.

Required Documents for Admission: Cover letter explaining the interest in the position, detailed Curriculum Vitae, two recommendation letters (in alternative, the contact information of two persons able to provide references is also accepted). Copy of the Masters’ certificate.

IMPORTANT NOTICE: If the selected candidate has a degree obtained outside Portugal, his degree must be certified in Portugal. For more information:

Direção-Geral do Ensino Superior (DGES); <http://www.dges.mctes.pt>

Work Objectives: Development of a biomedical device to glaucoma treatment.

This work involves: 1) the preparation and characterization of layer-by-layer films with drug delivery function throughout nanofabrication and nanocharacterization tools; 2) in vitro assays; 3) in vivo assays.

Fellowship: A fellowship will be celebrated according to the regulations defined by FCT, “Estatuto do Bolseiro de Investigação”, according to Law no. 40/2004, dated August 18 (Status of Scientific Research Fellow), as amended and republished by Decree-Law No.202/2012 of August 27, and as amended by Decree-Law No.233/2012 of October 29 and by Law No.12/2013 of January 29, and Decree-Law No. 89/2013 of July 9, and also by Fundação para Ciência e Tecnologia, I.P. Fellowship Regulation of Fundação para Ciência e Tecnologia, I.P., approved by Regulation no. 234/2012, published in Series II of Diário da República of June 25 of 2012, amended and republished by Regulation no. 326/2013, published in Series II of Diário da República of July 27 of 2013 and amended by Regulation no. 339/2015, published in Series II of Diário da República of June 17 of 2015, and

amended by Regulation nº137-A/2018, published in Series II of Diário da República of February 27 of 2018.

<http://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf>

Place of work: The work will be developed at the premises of Centro Hospitalar Universitário Lisboa Norte, Instituto de Telecomunicações and at CEDOC – Centro de Estudos de Doenças Crónicas, under the supervision of Prof. Dr. Joana Ferreira, Prof. Dr. Quirina Ferreira and of Prof. Dra Gabriela Silva.

Duration: 6 months, possibly renewable for additional 24 months (until the end of the project).

Start date: 1st of April 2022.

Monthly Maintenance Allowance: 1144.64 € (net), according to the table of grant amounts awarded directly by FCT for positions held in Portugal (www.fct.pt/apoios/bolsas/valores). The payment will be made by bank transfer.

Selection criteria: The candidates will be ordered according to the following: $F = C1 \times 50\% + C2 \times 50\%$; where C1 (50%) Curriculum vitae/Academic evaluation and C2 (50%) Interview. Each criteria, and the final classification F, will be evaluated in a scale of 0-20. The Jury has the right to not admit any of the candidates that apply for this position, whenever they consider that no candidate meets the minimum requirements for the said position.

Jury:

Prof. Dr. Joana Ferreira (President of the jury)

Prof. Dr. Luís Abegão Pinto

Prof. Dr. Quirina Ferreira

Substitute: Prof. Dr. Gabriela Silva

Communication of the results: Results will be published at Centro Hospitalar Universitário Lisboa Norte website and the selected candidate, will be notified by email.

Start appearing: 14 February 2022

Application acceptance start day: 14 February 2022

Closing date: 25 February 2022
