

Research scholarship

It is open a call for one Research Fellowship, within the project “*Glycans in autoimmunity. Impact in Systemic Lupus Erythematosus pathogenesis and treatment.*”, project nº POCI-01-0145-FEDER-028772, at Ipatimup – Instituto de Patologia e Imunologia Molecular da Universidade do Porto and i3S - Instituto de Investigação e Inovação em Saúde, Porto, Portugal, financed by national funds through the FCT - Fundação para a Ciência e a Tecnologia and co-funded by the European Regional Development Fund (ERDF) through Operational Programme Competitiveness and Internationalisation (POCI), under the following conditions:

Scientific area: Glycobiology, Immunology, Molecular Biology, Biochemistry.

Admission requirements: We are looking for a motivated fellow holding a Master in Biology, Biomedicine, Biochemistry or related field. The candidate is expected to have experience in the area of Glycobiology; Immunology in particular in Chronic Inflammatory Diseases as well as in Molecular Biology. Experience in animal experimentation, including: i) breeding of different types of mice with different genetic backgrounds; ii) administrations of compounds and cells in mice by different routes i.v., i.p., s.c.; iii) tissues analyzes with isolation and purification of cells (immune and non-immune cells). Experience in molecular and cellular biology methodologies, including: i) cell culture; ii) in vitro and ex vivo co-cultures; iii) RNA and protein analysis; iv) flow cytometric analysis; v) western-blotting and PCR.

Applicant should be in a non-academic degree course that meets the requirements of al. e) of no. 3 of article 4 of DL 74/2006, in the current wording, namely those courses that, not conferring an academic degree, are inserted in the educational offer of the higher education institution that confers them, being the same titled by diploma (no. 3 of art. 4) which conclusion is subject to registration (art. 49).

Plan of work: In this project, research activities will include advanced analytical and molecular biology approaches, cellular engineering, immunological analysis, and in vitro and in vivo experimentation aiming to explore the impact of glycans in the regulation of immune response.

Applicable laws and regulations: Research Fellowship Holder Statute, in its current form; Regulation of Research Grants from the Foundation for Science and Technology, IP; Regulation of Research Grants from Ipatimup; In the event the doctorate degree was awarded by a foreign higher education institution, it must comply with the provisions of Decree-Law no. 66/2018 of August 16, and all formalities established therein must be compatible with at the application deadline.

Work: the work will be developed at ipatimup – Institute of Molecular Pathology and Immunology of University of Porto, Porto, Portugal, under the scientific supervision of Prof. Salomé S. Pinho.

Duration of the fellowship (s): The Fellowship will have the duration of 8 months, beginning on May 2021.

Value of monthly maintenance allowance: € 1.104,64, according to the table of values of the fellowships awarded directly by the Portuguese FCT, I.P. (https://www.fct.pt/apoios/bolsas/docs/Tabela_Valores_SMM_LOE_2021.pdf) and Regulation of Research Grants from Ipatimup. The payment of research scholarship will be made by bank transfer.

According to Article 10 of the Statute of the Research Fellow from Portuguese FCT, the value of the social insurance can be reimbursed, upon the decision of the student to subscribe it.

Methods of selection: The selection methods to be used will be curriculum evaluation (50%) taking into consideration the admission requirements mentioned above and the interview (50%). There will be a preselecting phase based on serializing curricular evaluation, being requested to interview the top candidates.

Composition of the Jury: Prof. Dr. Salomé Pinho (President), Dr. Joana Gaifem (member), Dr. Ângela Fernandes (member).

Form of publicizing/notification of results: The final results of the evaluation will be advertised through an ordered list of the selected candidates by final classification, available for consultation at Ipatimup website. The selected candidate will be notified by email. Candidates have a period of ten working days to, if they wish, to express their opinion at the prior hearing of the interested parties, by email ipatimup@ipatimup.pt.

Application deadline and presentation of applications: The competition is open from 12th April 2021 to 23th April 2021.

Applications must include a certificate of qualifications, *Curriculum Vitae*, motivation letter, up to 2 reference letters and other supporting documents considered relevant and they must be submitted online:

https://dozer.i3s.up.pt/applicationmanagement/#/addapplications/FellowFCT_Proj2018Ipat12042021