

Open Call for a Research Fellowship in the Project LISBOA-01-0145-FEDER-016390

The Instituto Gulbenkian de Ciência is welcoming applications to a Research Fellowship within the project **LISBOA-01-0145-FEDER-016390**, with the title “Tackling CANcer STEM CELLS: a challenge and an opportunity to advance in anti-cancer therapy/”, financed by Portugal 2020 (Fundos Estruturais e de Investimento), COMPETE 2020, POR Lisboa and the Fundação para a Ciência e Tecnologia (FCT), through national funds (PIDDAC) with the following conditions:

1. Duration: The fellowship will have a duration of 6 months and a half, starting in September 15th, 2020, in the exclusiveness regime as the regulation of research fellow by the Fundação para a Ciência e Tecnologia, IP into force.

2. Subject of Activities: The goal of this fellowship is to test experimentally a set of predictions provided by a computational model of the regulatory/signalling network controlling Epithelium to Mesenchymal Transition and Cancer Stem Cell emergence (EMT/CSC), combining the intracellular and microenvironment levels. The candidate will investigate the effect of knocking down or overexpressing key regulators predicted by the model to be involved in the acquisition of EMT and CSC features and migrating abilities cell-autonomous and/or non-cell autonomous using different cell lines that recapitulate the multistep development of cancer. For more information on the project, please contact fjanody@ipatimup.pt

3. Research Groups: Cytoskeletal Regulation & Cancer and Expression regulation in Cancer groups at Instituto de Patologia e Imunologia Molecular da Universidade do Porto (Ipatimup)/ Instituto de Investigação e Inovação em Saúde (i3S) and the Network Modelling group at Instituto Gulbenkian de Ciência (IGC), led by Florence Janody, Carla Oliveira and Claudine Chaouiya, respectively.

4. Academic Profile and Selection Criteria: The candidate should hold a master degree in Biology or related disciplines and have expertise in cell culture and Computational Modelling. Good knowledge in written and spoken English is required.

5. Legislation and Applicable Regulation: Statute of the Scientific Research Fellow, Research Fellowship Regulations of the Foundation for Science and Technology I.P. in force; and the Research Fellowship Regulations from Instituto Gulbenkian de Ciência (IGC), Oeiras, Portugal. To know more about the changes introduced on the Statute of the Scientific Research Fellow by the Law Decree nº 123/2019 please consult the link <https://dre.pt/web/guest/home/-/dre/124256707/details/maximized?res=pt#resumo-claro>

Please note that according to the Law Decree nº 123/2019 the Master Fellowships can only be granted if they respect cumulatively the points below:

- are intended for R&D activities by students enrolled in a PhD, aiming at consolidating their scientific training through the development of research work leading to the achievement of the respective academic degree integrated or not in R&D projects.

- the scholarship may also be used to carry out R&D activities, by masters who are enrolled in non-academic degree courses integrated in the educational project of a higher education institution, developed in association or cooperation with one or more units of R&D

6. Subsidy Month Stipend: According to the regulations of the FCT Scientific Fellowships in Portugal (€1064,00/month + Social Security), the payment will be made by bank transfer.

7. Application Documents: Motivation letter, *Curriculum Vitae*, proof of degree and recommendation letter(s) should be sent to the e-mail address below, in a single PDF file named “CandidateName_CANCEL STEM_BD-Mestre.pdf”. Reference letters should be sent in a PDF file named “CandidateName_CANCEL STEM_BD-Mestre_SupervisorName_Ref.pdf”, to the same e-mail address.

Email: fjanody@ipatimup.pt

8. Methods of Selection and Evaluation: The selection procedure shall be as follows: CV and motivation letter (40%), reference letters (20%). The selected candidates will be called for interview (40%). The total evaluation is the sum of these evaluations.

9. Jury Selection: Chair: Florence Janody, PhD. Other members: Claudine Chaouiya, PhD. and Sara Canato, PhD. Auxiliary member: Carla Oliveira, PhD.

10. Form of Advertising / Notification of results: The assessment results will be sent to all candidates and to the FCT by email. Not selected candidates have a period of 10 working days, after the communication the results, to contest.

11. Application Period: From 30.08.2020 until 13.09.2020