

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

The Instituto Gulbenkian de Ciência is welcoming applications to a Postdoctoral 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:

Scientific Area: Health Science

1. Duration: The fellowship will have a duration of 6 months, starting in October of 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: Tumours are often heterogeneous, being composed of multiple cell types with different phenotypic and molecular properties. Among these diverse cell types, subpopulations of self-renewing cancer stem cells (CSCs; also called tumour-initiating cells) sustain the long-term clonal maintenance of the neoplasm. There are also populations of fibroblasts that communicate with the CSC. In this Project we aim to study how centrosome aberrations impact in CSC properties and in their communication with the niche. This project will be performed in close collaboration with the group of Dra. Joana Paredes and Dra. Sergia Velho at Instituto de Investigação e Inovação em Saúde (i3S, Porto), within the frame of the CANCEL STEM Research Programme, which aims at identifying the molecular principal governing CSC biology. For more information on the project, please contact mdias@igc.gulbenkian.pt.

3. Academic Profile and Selection Criteria: The candidate should hold a Ph.D. in Biology or related disciplines and have expertise in tissue culture cells and microscopy. Training in biochemistry would be a very important asset. Good knowledge in written and spoken English is required.

4. Legislation and regulation applicable: 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>

5. Working Place: The work will be performed at IGC – Instituto Gulbenkian de Ciência, in the Cell Cycle Regulation group under the supervision of Dr. Monica Dias. It can be necessary to travel regularly to I3S (Porto) due to the scientific collaboration in this project.

6. Subsidy Month Stipend: According to the regulations of the FCT Scientific Fellowships in Portugal €1.600,00/month + Social Security (<https://www.fct.pt/apoios/bolsas/valores>), the payment will be made by bank transfer.

7. Application Documents: Motivation letter, Curriculum Vitae and proof of degree should be sent to the e-mail address below, in a single PDF file named “CandidateName_CANCEL STEM_BPD.pdf”. Reference letters

should be sent in a PDF file named “CandidateName_CANCEL STEM_BPD_MDIAS_16390.pdf”, to the same e-mail address. Email: mfaria@igc.gulbenkian.pt.

8. Methods of Selection and Evaluation: The selection procedure shall be as follows: CV and motivation letter (70%), reference letters (10%). If the jury considers essential, the candidates with best Curricular classification will be selected for interview (20%). The total evaluation is the sum of these evaluations.

9. Jury Selection: Chair: Monica Dias, PhD. Other members: Mariana Lince-Faria, PhD. and Carla Lopes, PhD. Auxiliary member: Ana Rita Marques, PhD.

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

Application Period and Application Documents: The call will be opened from 07.09.2020 until 18.09.2020.

Vacante posts: 1