

CALL FOR AWARDING RESEARCH FELLOWSHIPS WITHIN PROJECT GRANTS AND R&D INSTITUTIONS

One Special Regime Research Fellowship

One Special Regime Research Fellowship for doctoral collaborator is open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project "HIT-CF: *Personalised Treatment For Cystic Fibrosis Patients With Ultra-rare CFTR Mutations (and beyond)*", financed by the European Union's Horizon 2020 research and innovation programme, under grant agreement No. 755021, under the following conditions:

1. **Scientific Area:** Biomedicine (sub-areas of: Physiology, Cell Biology, Molecular Biology)
2. **Requirements for admission:** Candidates should be holders of a PhD in in Physiology, Biology, Biochemistry or related areas.
3. **Factors preferred:** Candidates with strong skills in culture of human patient cells, such as human intestinal organoids, as well as in live-cell assays, such as Forskolin Induced Swelling. Experience in electrophysiology (Ussing chamber) and fluorescence microscopy, as well as in culture of human primary nasal cells will be favoured. Also candidates who are willing to travel and to spend time at foreign labs will be favoured.
4. **Work plan:** Work will consist in determining the response of patient-derived materials to CFTR-modulator drugs in developing pipelines, as well as already approved drugs in the clinic for other mutations towards personalized medicine, namely intestinal organoids and primary cultures of nasal epithelial cells. To this end, assays already established in the lab, such as the Forskolin induced swelling are going to be used to support in biological materials derived from tissues of patients with Cystic Fibrosis with ultra-rare mutations by functional assessment of CFTR function as a chloride channel, as well as electrophysiological techniques, and microscopy-based live-cell assays. The successful candidate will work in international dynamic and enthusiastic lab and in close collaborations with several international teams.
5. **Legislation framework:** Statute of the Scientific Research Fellowship, in accordance with Law 40/2004, of 18 August, as amended and republished by Decree-Law No. 202/2012 of 27 August, and as amended by Decree-Law No. 233/2012 of 29 October and by Law No. 12/2013, of January 29, and Decree-Law No. 89/2013 of 9 July; And also by the FCT, I.P. Fellowships Regulation, in force (<https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT.pdf>) and **FCiências.ID** Fellowship Regulation, as approved on 23rd February 2017.
6. **Place of work:** The work will be developed at the Functional Genomics and Proteostasis Research Group of BioISI – Biosystems & Integrative Sciences Institute in Lisboa (Fac of Sciences, University of of Lisboa, Campo Grade C8 bdg, Lisboa, Portugal), under the scientific guidance of Professor Margarida Amaral.
7. **Fellowship duration:** This position is initially opened for 6 months and will begin on July 2018. The fellowship contract may be renewed to more 6 months, and possibly extended until the end date of the project, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P.
8. **Monthly allowance:** The fellowship amounts to € 1.600, according to table values of the fellowships awarded directly by the FCT, IP. (<http://www.fct.pt/apoios/bolsas/valores>). The fellowship holder will have a personal accident insurance and, if not covered by any social protection scheme can ensure the right to social security through adherence to the voluntary social insurance scheme, pursuant to Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social. The fellowship will be paid monthly by bank transfer.



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9. **Selection method:** Candidates will be assessed by the quality of their CV (50%) and Candidates will be assessed by and experience in the required methodologies (40-50%) and possibly also an interview in case of draw (10%).
10. **Selection Committee:** Prof. Margarida Amaral (President), FCUL, Lisboa, Portugal; Prof. Carlos Farinha, FCUL, Lisboa, Portugal; Prof. Rui Malhó, FCUL, Lisboa, Portugal. (Substitutes: Margarida Gama-Carvalho, FCUL, Lisboa, Portugal; Dr. Luisa Romão, INSA, Lisboa, Portugal).
11. **Publication/notification of results:** The final results of the evaluation will become public, through ordered list *final grade obtained* which will be posted at the entrance hall of the **FCiências.ID**, located at the Faculdade de Ciências da Universidade de Lisboa, C1 bdg – 3rd floor, Campo Grande, 1749-016 Lisboa, and the selected candidate will be notified by *e-mail*.
12. **Deadlines:** This call for applications is open from July 5th to July 13th.
13. **Application:** Applications may be sent via e-mail to Prof. M. Amaral (mdamaral@fc.ul.pt), by attaching the following documents: 1) a motivation letter; 2) a CV with list of publications and description of methodological expertise relevant to this application; 3) references of two people well acquainted with the work of the candidate, 4) PhD Certificate.

