

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

### Recruitment of a BSc research technician for project EPIRaft

Application for one Fellowship(s) research technician for bachelor is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution EPIRaft - Contribution of neuronal membrane and lipid raft remodeling to the pathophysiology of mesial temporal lobe epilepsy (MTLE): insight into the beneficial effects of the ketogenic diet therapy/BioISI, PTDC/SAU-PUB/28311/2017, supported by the Regional Operational Program of Lisbon in its FEDER component and by the Foundation for Science and Technology in its OE component, under the following conditions:

1. **Scientific Area:** Health Sciences
2. **Requirements for admission:** Candidates should have a degree in the Biological, Veterinary or Biomedical Sciences.
3. **Factors preferred:** Candidates should have experience in rodent handling and manipulation for research purposes and in obtaining tissue from different brain areas and should preferably be licensed for animal experimentation by DGAV (Portaria 1005/92 de 23 de Outubro).
4. **Work plan:** Development of animal models of MTLE presenting spontaneous recurrent seizures by administration of pilocarpine in Wistar rats. Behavioural analysis and evaluation of seizure frequency in the chronic period in these animals, and in previously obtained records. Collection of samples of different brain areas, preparation and isolation of cortical and hippocampal synaptosomes and western blot analysis. Lipid extraction from synaptosomal preparations for subsequent mass spectrometry analysis. Stock and purchase order management for the EPIRaft project. These functions are comprised in tasks 1, 3, 7, 9 and 10 of the EPIRaft project.
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 23<sup>rd</sup> February 2017.
6. **Place of work:** The work will be developed at the BioISI, Faculdade de Ciências da Universidade de Lisboa and ICBAS, (Universidade do Porto) under the scientific guidance of Professor Diana Cunha Reis.
7. **Fellowship duration:** This position is initially opened for 6 months and will begin on October, 2019. The fellowship contract may be renewed, until a maximum of 18 months, 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 € 752,38€, according to table values of the fellowships awarded directly by the FCT, IP. (<http://www.fct.pt/apoios/bolsas/valores>).

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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.

9. **Selection method:** Candidates will be assessed by the quality of their CV - 60% and motivation letter - 20% and interview - 20%. The jury may decide not to conduct interview to the candidates if not considered required upon CV evaluation, that in this case will be contributing 80% to the final evaluation. and possibly also an interview.
10. **Selection Committee:** Composition of the jury: a) President of the jury: Diana Cunha Reis, BioISI, FCUL; b) 1st member: Carla Sousa, CQE, FCUL; 2nd member: Ana Mourato, CQE, FCUL; c) alternate member: Elisabete Silva, BioISI, FCUL.
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 bldg – 3<sup>rd</sup> 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 23/07/2019 to 05/08/2019.
13. **Application:** Applications may be sent via e-mail to [dcreis@fc.ul.pt](mailto:dcreis@fc.ul.pt), referring the call number at the top of the announcement, by attaching the following documents: Curriculum vitae, BSc certificate and motivation letter.

**NOTE:** Please note that Degrees obtained in foreign countries need a Portuguese Recognition certificate issued by a Portuguese high degree Institution, according to the [Decree-Law nr. 66/2018](#), of august 16<sup>th</sup> and the [Ministerial Order nr. 33/2019](#), of January 25<sup>th</sup>. The presentation of such certificates is mandatory for contract signature. More information can be obtained in: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>.