

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

THREE FELLOWSHIPS FOR MASTERS

Three Fellowships for Masters are open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project **SAICTPAC/0010/2015– MEDPERSYST**, financed by national funds by FCT / MCTES (PIDDAC) under the “Programa de atividades conjuntas”/ P2020 under the following conditions:

1. **Scientific Areas:** Neurosciences
2. **Requirements for admission:** Master in Biomedical Engineering or related fields.
3. **Factors preferred:** Previous experience in Machine Learning, Data Mining, Statistical Analysis (especially multivariate analysis) and/or Medical Imaging (especially EEG, MRI and PET).
4. **Work plan:** This project aims to unveil biomarkers of diseases having synaptic dysfunction as a common denominator: 1- neurodegenerative diseases, 2- neuropsychiatric and neurodevelopment diseases. The tasks involved will include the development and computer implementation of brain connectivity measures and the assessment of their predictive power, as well as the development of artificial intelligence/machine learning strategies for the identification of biomarkers from functional brain imaging data amenable to incorporation of multimodal data.
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 Institute of Biophysics and Biomedical Engineering of the Faculty of Sciences of the University of Lisbon under the scientific guidance of Professors Pedro Almeida, Alexandre Andrade and Hugo Ferreira
7. **Fellowship duration:** This position is initially opened for 6 months and will begin on March 2019. The fellowship contract may be renewed for a further 6 months or eventually until the end date of the project (whichever comes first), 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 € 980, 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.
9. **Selection method:** Candidates will be assessed by the quality of their CV, previous experience in the fields of the project and their relation to the work proposed. A relative rank will be produced.
10. **Selection Committee: President:** Prof. Pedro Almeida. **Members:** Prof. Hugo Ferreira, Prof. Alexandre Andrade. **Substitute member:** Prof. Nuno Matela.

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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 11th to 22nd February 2019
13. **Application:** Applications may be sent via e-mail to palmeida@fc.ul.pt, with the subject “MEDPERSYST IBEB Fellowship” by attaching the following documents: motivation letter, Curriculum Vitae, reference contacts and degree certificates.

NOTE: Please note that Degrees obtained in foreign countries need a Portuguese Recognition certificate and, in some cases, a equivalence certificate issued by a Portuguese high degree institution according to the Decree-Law nr. 341/2007, of Oct 12th, the ministerial order nr. 29/2008, of Jan 10th, the ministerial order nr. 227/2017, of July 25th and Decree-Law nr. 66/2018, of Aug 16th. The presentation of such certificates is mandatory for contract signature.