



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

One postdoctoral fellowship

One postdoctoral fellowship is open at the **Fundação da Faculdade de Ciências da Universidade de Lisboa, F.P. (FFCUL)**, for the project “MEDPERSYST - Redes sinápticas e abordagens compreensivas de medicina personalizada em doenças neurocortamentais ao longo da vida”, **POCI-01-0145-FEDER-016428**, financed by “Fundos FEDER” under the “Programa Operacional Regional Lisboa 2020” and to national funds by the FCT - Fundação para a Ciência e a Tecnologia” under the “Programa de atividades conjuntas”/ P2020, under the following conditions:

1. **Scientific Area:** Computational Neuroimaging.
2. **Requirements for admission:** PhD in Biomedical Engineering or related fields.
3. **Factors preferred:** Previous research experience in Machine Learning, Data Mining, Statistical Analysis (especially multivariate analysis) and/or Medical Imaging (especially EEG, MRI and PET). Additionally, previous experience as coordinator of scientific projects, with public or private funding.
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 assessment of connectivity tools developed elsewhere within the project. The Fellow will contribute to data integration and analysis and will have an important role in the writing of scientific papers in the context of the project. He/she will also assist the Principal Investigator in the coordination of project tasks, including interacting with other groups in the 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 (<http://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf>) and FFCUL’s Fellowship Regulation, as approved on 22nd December 2014.
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 February 2017. The fellowship contract may be renewed to more 30 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 € 1495, 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, in particular the number and impact of published papers, the roles of the candidate on financed projects and their relation to the work proposed, and a relative rank



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will be produced. The five best scored candidates will be interviewed. The final classification will result from the interview (40%) and the CV evaluation (60%)

10. **Selection Committee: President:** Prof. Pedro Almeida. **Members:** Prof. Hugo Ferreira, Prof. Alexandre Andrade. **Substitute Member** Prof. Nuno Matela.

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 **FFCUL**, located at the Faculdade de Ciências da Universidade de Lisboa, C1 bldg – 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 the 23th December 2016 to the 5th January 2017.

13. **Application:** Applications may be sent via e-mail to palmeida@fc.ul.pt, with the subject “MEDPERSYS IBEB Postdoctoral position - 1” by attaching the following documents: motivation letter (2 pages maximum), Curriculum Vitae (4 pages maximum), reference contacts and degree certificates.