

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

### One Research Fellowship

**One (1) Research Fellowship for MSc graduate** is open at the FCIências.ID – Associação para a Investigação e Desenvolvimento de Ciências for the project, **NEUROBIOAI DSAIPA/DS/0065/2018**, financed by national funds by FCT / MCTES (PIDDAC) under the programme **Ciência dos dados e inteligência artificial na Administração Pública**; under the following conditions:

1. **Scientific Area:** Data Science, IT
2. **Requirements for admission:** MSc in data science, IT and/or neuroimaging, or related fields. Previous research experience in these fields is preferable.
3. **Experience required:** Previous hands-on experience in machine learning analysis (preferably using Python) or statistical analysis of neuroimaging (MRI) data.
4. **Work plan:** Coordination of statistical analysis of retrospective neuroimaging and clinical data, using artificial intelligence (machine learning) for the development and validation of neuroimaging biomarkers (diagnostic models) of neurodegenerative illnesses, with high potential of clinical applicability; coordination with scientific and medical teams to set up clinical trials (Beta-user experience for the clinical setting validation of biomarkers). General responsibility, within a team of biomedical engineers and clinicians, for data analysis within an academic-entrepreneurial joint-venture between the Biomedical Neuroscience Lab (at Institute of Biophysics and Biomedical Engineering, Faculty of Sciences of the University of Lisbon) and NeuroPsyAi, Ltd (a neurosciences company). Project approx. 3 years.
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 Biomedical Neuroscience Lab (Diana Prata's lab) at the IBEB of FCUL under the scientific guidance of Professor Diana Prata.
7. **Fellowship duration:** This position is initially opened for **3 months** and will begin, on February of 2020. The fellowship contract may be renewed up to a total of 24months or, if later, until the conclusion 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 €989,70, non-tax-deductible, 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 interview (50%) (*Curriculum evaluation, interview, tests of knowledge, other; indicate the values assigned to each method and its percentage weight*).
10. **Selection Committee:** Diana Prata (President), Hugo Ferreira and Nuno Matela, (Juri Members) Alexandre Andrade (alternate)
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 – 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 6<sup>th</sup> to 19<sup>th</sup> December 2019
13. **Application:** Applications may be sent via e-mail to [dmprata@fc.ul.pt](mailto:dmprata@fc.ul.pt) , by attaching the following documents: CV (*Curriculum vitae, certificate and other documents considered relevant*).

**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>.