

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

### 1 fellowship research for Master Degree

1 Fellowship(s) research for Master Degree is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution 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
2. **Requirements for admission:** MSc (or above) in Biomedical Engineering, Data Science, Statistics, or similar
3. **Factors preferred:** International research experience, awards and published articles or experience in artificial intelligence and/or neuroimaging
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 the above developed 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). The goal of this highly translational project is the application of artificial intelligence based algorithms to neuroimaging data for the development of diagnostic models that can help clinicians' decision-making in neurodegenerative disease, and their validation, in partnership with Portuguese and UK hospitals. The project will run for approximately 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 IBEB, FCUL under the scientific guidance of Professor Diana Prata.
7. **Fellowship duration:** This position is initially opened for 3 months and will begin on **October, 2019**, 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, 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.  
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 100% or, if additional interview, 50%). An interview will take place for the top candidates with an equally-ranked CV.
- 10.
11. **Selection Committee:** Diana Prata (President), Nuno Matela, Hugo Ferreira and Alexandre Andrade (alternate)
12. **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*.
13. **Deadlines:** This call for applications is open from 16<sup>th</sup> September to 31<sup>th</sup> October 2019.
14. **Application:** Applications may be sent via e-mail to [diana.prata@fc.ul.pt](mailto:diana.prata@fc.ul.pt), by attaching the following documents: 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>.