

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

Post-doctoral Fellowship

One post-doctoral Fellowship is open at the **FCiências.ID – Associação para a Investigação e o Desenvolvimento de Ciências**, for the project “MEDPERSYST – Synaptic networks and personalised medicine approaches to understand neurobehavioral diseases across the lifespan” (POCI-01-0145-FEDER-016428), financed by national funds by FCT / MCTES (PIDDAC) under the programme PROGRAMA DE ATIVIDADES CONJUNTAS (Portugal2020), under the following conditions:

1. **Scientific Area:** Bioinformatics, interface with Biostatistics and Human Genetics
2. **Requirements for admission:** PhD degree in Human Genetics, Bioinformatics, Biostatistics, Psychology, Biology or related areas. Documented experience in the analysis of genomic data and integration with clinical and psychological information. Programming experience.
3. **Preferential factors:** Knowledge of clinical psychology; Knowledge of biology and genetics; previous participation in research projects in the area of childhood neurodevelopment, namely in autism; International research experience; understanding of instruments for assessment and behavioural, functional and cognitive characterization of patients with neurodevelopmental problems.
4. **Work plan:** The postdoctoral fellow will be integrated in the MEDPERSYST project, namely in the activities pertaining to the identification of the etiology and biomarkers for Autism Spectrum Disorder (ASD). The global objective of the fellowship is the identification of biomarkers for ASD allowing earlier diagnosis and personalised intervention, based on multivariate analysis of clinical, “omics” and imaging parameters. The fellow’s tasks will be: 1) Develop and implement pipelines for analysis of genomic variants from large databases; 2) contributing for integrated analysis of the clinical and psychological phenotype with genetic molecular and imaging parameters, using data mining approaches; 3) contribute to the implementation and management of genetic and molecular databases for integrative analysis with clinical and imaging 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 (<http://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf>) and **FCiências.ID** Fellowship Regulation, as approved on 23rd February 2017
6. **Place of work:** The work will be developed at Departamento de Promoção da Saúde e Prevenção de Doenças Não Transmissíveis de Instituto Nacional de Saúde Doutor Ricardo Jorge and the Biomedical Translation Research Group do BioISI – Biosystems and Integrative Sciences Institute, under the scientific guidance of Professor Astrid Moura Vicente
7. **Fellowship duration:** This position is initially opened for 6 months and will begin in February 2018. The fellowship contract may be renewed for an additional 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 €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.

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9. **Selection method:** Candidates will be assessed by the quality of their CV (35%), experience in the preferential areas mentioned above (40%) and interview in person or by skype for non-residents (25%).
10. **Selection Committee:** Astrid Moura Vicente (President); Catarina Alves (Vogal); Luciana Costa (Vogal); Hugo Martiniano (Substitution Vogal); Luciana Costa (Substitution Vogal).
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 15th to 26th January 2018.
13. **Application:** Applications should be sent by e-mail to astrid.vicente@insa.min-saude.pt, and by regular mail to Astrid Moura Vicente, DPSPDNT – Edifício Lemes, Instituto Nacional de Saúde Doutor Ricardo Jorge, Av. Padre Cruz, 1649-016 Lisboa. Applications need to include the following documents: *Curriculum vitae*, PhD certificate and other documents considered relevant, motivation letter and two reference letters.