

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

### One research Fellowship (MSc level)

One Research Fellowship for MSc holders is open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution Fly-SMALS - Common RNA-dependent pathways for motor-neuron degeneration in spinocerebellar muscular atrophy and amyotrophic lateral sclerosis/BioISI - Institute for Biosystems and Integrative Sciences, JPND-CD/0002/2013, financed by national funds by FCT / MCTES (PIDDAC) under the programme under the EU Joint Program on Neurodegenerative Research, under the following conditions:

1. **Scientific Area:** Bioinformatics/Computational Biology
2. **Requirements for admission:** Candidates must hold a **MSc** in **Biology, Biochemistry, Biomedical Sciences** or **Bioengineering** research areas, with experience of work in the field of **Bioinformatics or Computational Biology**. The candidates should also be proficient in **English**.
3. **Factors preferred:** Preference will be given to candidates with experience in RNA-seq data analysis or in studies using ultra-sequencing data (NGS). Work and knowledge in network biology and network analysis will be also considered preferential. A track record showing background and understanding of eukaryotic gene expression processes in the context of the nervous system/neurodegenerative disorders, particularly in *Drosophila melanogaster* and *Homo sapiens* models, will be positively evaluated. The jury may decide to exclude candidates without any expertise in at least one of these areas.
4. **Work plan:** The fellowship is funded through a EU JPND consortium project that aims to identify common pathways underlying motor neuron degeneration in the diseases Spinal Muscular Atrophy and Amyotrophic Lateral Sclerosis. The specific aim to be undertaken by the post-doctoral fellow is to support the integrated computational and bioinformatic analysis of RNA-seq and proteomics datasets generated by the consortium, along with publicly available data, to support the discovery of critical cross-disease gene networks. In order to achieve these aims, the researcher will be jointly supervised by Prof. Margarida Gama-Carvalho, BioISI, ULisboa.
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 Gene Expression and Regulation Unit/RNA Biology and Bioinformatics group, BioISI, Faculty of Sciences, University of Lisbon, under the scientific guidance of Professor Margarida Gama-Carvalho.
7. **Fellowship duration:** This position is initially opened for 3 months and will begin on July 2018. The fellowship contract may be renewed to more 3 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 € 980, according to table values of the fellowships awarded directly by the FCT, IP. (<http://www.fct.pt/apoios/bolsas/valores>).

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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 (50%) and matching of preference factors (30%) and interview (20%). Only the top-ranking candidates will be called for interview unless the difference in scores between them is higher than 20%, in which case the selection will proceed without interview.

10. **Selection Committee:** Prof. Margarida Gama-Carvalho (BioISI, ULisboa, President), Prof. Francisco Pinto (BioISI, ULisboa) and Prof. Carlos Farinha (ULisboa). Alternate members: Prof. Cláudio Gomes (ULisboa) and Dr. Paulo Matos (BioISI, ULisboa).

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 3<sup>rd</sup> to 16<sup>th</sup> July 2018.

13. **Application:** Applications may be sent via e-mail to [mhcarvalho@fc.ul.pt](mailto:mhcarvalho@fc.ul.pt), by attaching the following documents: *Curriculum vitae*, degree certificate and letter of motivation including the identification and contacts of two referees.