



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

### One Post-doctoral Fellowship

One Post-doctoral Fellowship for PhD degree holders is open at the **Fundação da Faculdade de Ciências da Universidade de Lisboa, F.P. (FFCUL)**, 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/MEC (PIDDAC) 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 **PhD in Biology, Biomedical, Bioengineering or Informatics** research areas, with experience of work in the field of **Bioinformatics or Computational Biology** shown by some scientific publications in peer-reviewed journals. 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. A track record showing background and understanding of gene expression processes in eukaryotes will be positively evaluated.
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, and Dr. Javier de Las Rivas, Centro de Investigacion del Cancer, Univ. de Salamanca.
5. **Legislation framework:** A fellowship contract will be celebrated according to the regulations defined by FCT "Regulations for Advanced Training and Qualification of Human Resources", 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 22<sup>nd</sup> December 2014.
6. **Place of work:** The majority of the work plan (60-70%) will be conducted at the Gene Expression and Regulation Unit/RNA Biology and Bioinformatics group, BioISI, Faculty of Sciences, University of Lisbon, with the additional 30-40% being developed at the Bioinformatics and Functional Genomics Group, Cancer Research Center, *University of Salamanca*.
7. **Fellowship duration:** This position will begin on January 2016 and have a maximum duration of 30 months. The fellowship contract will be established for an initial period of 6 months and may be renewed to more 24 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 per month and is tax exempt, according to table values and regulations 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 considering education (30%), publication record (40%) and preference factors (30%). In case of need, top ranking candidates will be called for an interview (either physical or via skype). The interview will have a relative weight of 25%, with the corresponding adjustment of the relevance of the CV.

10. **Selection Committee:** Prof. Margarida Gama-Carvalho (BioISI, ULisboa, President), Dr. Javier de Las Rivas (U. Salamanca), Prof. Francisco Pinto (BioISI, ULisboa). Alternate members: Dr. Paulo Matos (BioISI, ULisboa) and Prof. Carlos Farinha (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 **FFCUL**, 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*.

12. **Deadlines:** This call for applications is open from 7<sup>th</sup> to 21<sup>st</sup> December 2015

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

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