



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

### One research Fellowships (PhD level)

A call for one Post-doctoral Fellowship is open at the **Fundação da Faculdade de Ciências da Universidade de Lisboa**, 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 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/MSc** in **Biology, Biomedical Sciences, Bioengineering, Informatics** or related research areas, with some work experience in the fields of **Genomics, Proteomics, Transcriptomics, Bioinformatics or Computational Biology**. Candidates should also be proficient in **English**.  
The jury may decide to exclude candidates without any expertise in at least one of these areas.
3. **Factors preferred:** A track record showing background and understanding of gene expression processes in eukaryotes will be positively evaluated. 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.
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 main aim to be undertaken by the post-doctoral fellow is to support the integrated 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 of 2013 approved by Regulation No. 234/2012, of June 25, as amended by Regulation No 326/2013 of 27 August 2013, in force ([www.fct.pt/apoios/bolsas/regulamento.phtml.pt](http://www.fct.pt/apoios/bolsas/regulamento.phtml.pt))
6. **Place of work:** The majority of the work plan will be conducted at the Gene Expression and Regulation Unit/RNA Biology and Bioinformatics group, BioISI, Faculty of Sciences, University of Lisbon, but part of the project will developed at the Bioinformatics and Functional Genomics Group, Cancer Research Center, *University of Salamanca*. The candidates should be therefore be open to travel to Salamanca for one or two periods, with a possible duration of 2-12 weeks.
7. **Fellowship duration:** This position is initially opened for 6 months and will begin on January 2017. The fellowship contract may be renewed to more 10 months or may be renewed for the maximum duration 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 € 1495 per month for a PhD holder. (<http://www.fct.pt/apoios/bolsas/valores>).  
The fellowship is tax exempt, according to table values and regulations of the fellowships awarded directly by the FCT, IP.



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In addition, 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, covered by the project budget.

The fellowship will be paid monthly by bank transfer.

9. **Selection method:** Candidates will be assessed by the quality of their CV considering education (0-6 points), work experience and publication record (0-8 points) and preference factors (0-6 points). A minimum score of 14 will be necessary for selection. The top 25% candidates that are within a 2 point difference from each other will be called for an interview (either physical or via skype. The interview will be scored between 0 and 5 points to be added to the total application score).
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 **Fundação da Faculdade de Ciências da Universidade de Lisboa**, 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 November 17<sup>th</sup> to December 11<sup>th</sup> 2016.
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 two reference letters and certificates of academic degree.*