



## 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 “Proteotoxic insults and synaptic dysfunction in the ageing brain”, reference 343/14, financed by the Fundação BIAL, under the following conditions:

1. **Scientific Area:** Cell Biology, Biochemistry, Biomedicine
2. **Requirements for admission:** Candidates must hold a PhD in Biochemistry, Molecular Biology, Biomedicine or related research areas. The candidates should have excellent command of English.
3. **Factors preferred:** Preference will be given to candidates with experience on neurodegeneration-related protein amyloids supported by significant scientific publications in peer-reviewed journals; with experience on biochemical and cellular studies of protein aggregates and a demonstrated experience on related cell biology methods, namely mammalian cell culture, transfection and cytotoxicity assays of protein aggregates. Experience on microscopy techniques including immunofluorescence approaches for fluorescence and confocal microscopies and atomic force microscopy for imaging of protein aggregates is also sought, as well as knowledge on biochemical and biophysical methods for protein analysis.
4. **Work plan:** The candidate will participate in research aimed at investigating the role of age-related neuroinflammatory proteins in neuronal processes. The work to be developed will include i) development of mammalian cell culture assays (including neuronal models) to establish cytotoxicity of protein aggregates; ii) the development of molecular tools for transient and stable transfections of aggregating proteins; iii) bioimaging of cells and protein aggregates using fluorescence and atomic force microscopies; iv) biochemical and proteomic analysis of cellular extracts.
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 work will be developed at the ‘FCUL Protein Folding Misfolding Laboratory’ at the Department of Chemistry and Biochemistry at the Faculty of Sciences University of Lisbon, affiliated to BioISI, Biosystems & Integrative Sciences Institute, under the scientific supervision of Doctor Cláudio M. Gomes.
7. **Fellowship duration:** This position is initially opened for 3 months and is expected to start in March 2016. The fellowship contract may be renewed additional 6 months, up to a total of 9 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. The fellowship will be paid monthly by bank transfer.



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**Selection method:** Candidates will be assessed by the quality of their CV and experience (50%) and interview (either face to face, via skype or teleconference) (50%). The interview may be made only to the candidates that meet the preferred factors, as assessed by the jury.

9. **Selection Committee:** Doctor Cláudio M. Gomes (President of the jury), Doctor Bárbara Henriques (member) e Doutora Sónia Leal (member)

10. **Publication/notification of results:** The final results of the evaluation will become public, through an ordered list which will be posted at the entrance hall of the **FFCUL**, 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*.

11. **Deadlines:** This call for applications is open from 7th February to 13th February 2016.

12. **Application:** Applications may be sent via e-mail to Cláudio M. Gomes at [cmgomes@fc.ul.pt](mailto:cmgomes@fc.ul.pt), by attaching the following documents: *Curriculum vitae, certificates and other documents considered relevant, such as reference letters*.