



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

### BI fellowship application for two grants in the area of the genetics of deafness - presbycusis

Two BI Fellowships are opened at **Fundação da Faculdade de Ciências da Universidade de Lisboa**, in the scope of the project “Age-related hearing loss: Genetic risk factors and social impact “(PTDC/ NEU- BEN/ 1192/ 2012), financed by national funds through FCT / MEC (PIDDAC) under the *Programme in All Scientific Domains, Strategic Programme*, under the following conditions:

1. **Scientific Area:** Genetics of Deafness
2. **Requirements for admission:** Master in the area of Molecular Biology Genetics, being relevant factors dominating standard techniques of molecular biology, analysis of sequencing, genotype-phenotype correlations and experience in human genetics. Preferential requirement is the experience in genetics of deafness and the experience in the analysis of audiograms to identify both the degree of deafness and the typical curves of presbycusis.
3. **Work plan:** The research work to be developed will be integrated in the research project mentioned above, whose general objective is the identification of epidemiological and etiological factors associated with presbycusis in a sample of elderly subjects (> 65 years) of the Portuguese population (≈ 1000), for the establishment of genotype - phenotype significant correlations. In the 1st step genetic analysis of 250 individuals will be carried, by using techniques such as RFLP, PSDM, Multiplex PCR and sequencing in order to estimate the most common variants in mitochondrial DNA (mtDNA) and *NAT2*, *GJB2* and *GRM7* genes.
4. **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; Fundação para a Ciência e a Tecnologia, I.P. Fellowships Regulation of 2012.
5. **Place of work:** The work will be developed at Group of Deafness, Unit of Human Genetics and Functional Analysis, BioFIG/FCUL, on the 4<sup>th</sup> floor of C2 building at the Campus of Faculty of Sciences of the University of Lisbon (FCUL) under the scientific guidance Professor Helena Caria.
6. **Fellowship duration:** This position is initially opened for 3 months and will begin on June of 2013. The grant contract may be renewed to more 9 months, until one total duration the 12 months.
7. **Monthly allowance:** The fellowship amounts to € 980 according to table values of the scholarships awarded directly by the FCT, IP. (<http://www.fct.pt/apoios/bolsas/valores>).  
The grant 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 scholarships will be paid monthly by bank transfer.
8. **Selection method:** Candidates will be assessed by the quality of their CV (50%), their motivation letter (25%) and their experience on the field of hereditary deafness (25%). For non portuguese selected candidates it is foreseen an interview via skype. In this situation the formula of calculation will be 12,5% for the interview, 12,5% for the motivation letter, 25% for the laboratorial experience on hereditary deafness field and 50% for CV analysis.



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9. **Selection Committee:** The Jury will be composed by Prof<sup>a</sup> Helena Caria (President), Prof<sup>a</sup> Graça Fialho and Doctor Tiago Matos
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 **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*.
11. **Deadlines:** This call for applications is open from 5 to 20 of June of 2013.
12. **Application:** Applications must be sent via e-mail to [mhcaria@fc.ul.pt](mailto:mhcaria@fc.ul.pt) and [helena.caria@ess.ips.pt](mailto:helena.caria@ess.ips.pt) by attaching the following documents: *Curriculum Vitae*, copies of certificate of master, motivation letter and other documents considered relevant by the candidate. Applications may also be sent by normal postal service, having into attention that they must arrive before the 20<sup>th</sup> June deadline.