

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

One Research Fellowship for Graduates (BI de Mestre)

One BI Research Fellowship for Master students is open at the **FCiências.ID – Associação para a Investigação e o Desenvolvimento de Ciências**, for the project/R&D institution, “Biomimetic/nanobioconjugated platforms for sensitive immunosensing” PTDC/CTM-NAN/0994/2014, financed by national funds by FCT / MCTES (PIDDAC) under the programme *All Scientific Domains*, under the following conditions:

1. **Scientific Area:** Chemistry and Biochemistry
2. **Requirements for admission:** Graduation (Licenciatura) and Master in Chemistry, Biochemistry or related degrees. Research experience in biosensors or nanomaterials.
3. **Factors preferred:** Research experience in biosensors, nanomaterials, electrochemistry, ellipsometry, surface plasmon resonance, atomic force microscopy, or surface bio-functionalization.
4. **Work plan:** According to the approved proposal, the BI fellow will work on (bio)functionalization of semiconducting nanoparticles and on Biosensors optical and electrochemical transduction. To carry out the proposed work it will be necessary to synthesize and chemically modify several types of metallic nanoparticles, with antibodies, as well as to use electrochemical methods and advanced characterization techniques (e.g. ellipsometry, surface plasmon resonance, atomic force microscopy) to evaluate the success of the developed biosensing platforms.
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 (<http://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf>) and **FCiências.ID** Fellowship Regulation, as approved on 23rd February 2017.
6. **Place of work:** The work will be developed at Centro de Química e Bioquímica da Faculdade de Ciências da Universidade de Lisboa under the scientific guidance of Doctor Ana Pimenta da Gama da Silveira Viana.
7. **Fellowship duration:** This position is initially opened for 6 months and will begin on October 2017. The fellowship contract may be renewed to more 19 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>).
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 academic and scientific CV taking into account the preferred factors mentioned above in point 3 and the referees’ recommendations (60%), and the letter of motivation (20%). After curricular evaluation, top three candidates may be called for an interview (20%), if their score is less than 5 points apart. The final grading will be on a scale of 0-80 (without interview) and 0-100 (with interview).

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10. **Selection Committee:** Doctor Ana S. Viana (Investigadora Auxiliar, FCUL), President; Doctor Jorge Correia (Investigador Auxiliar, DQB, FCUL) Doctor Rodrigo Almeida (Investigador Principal, FCUL) and Professor Maria de Deus Carvalho (Professora Auxiliar, DQB, FCUL); members; and Doctor Joaquim Marquês (Post-doctoral researcher), supplementary member.
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 building – 3rd 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 10th to 23th October 2017.
13. **Application:** Applications will be made exclusively via e-mail to anaviana@fc.ul.pt, by attaching the following documents: *Curriculum vitae*, graduation certificates, with listing of the marks obtained in each subject, motivation letter and the names and contacts of up to two referees.