



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

1 Research fellowship

One research fellowship for a master (BI for master) is open at the **Fundação da Faculdade de Ciências** da Universidade de Lisboa, for the project BioClub - Uso de biofilmes radiculares para aumentar a produtividade e a eficiência do uso dos fertilizantes, PTDC/AGR-PRO/1852/2014 financed by national funds (OE), by FCT - Fundação para a Ciência e a Tecnologia, under the programme All Scientific Domains, under the following conditions:

1. **Scientific Area:** Natural and environmental sciences, biology, biochemistry or chemistry.
2. **Requirements for admission:** Master degree with experience of working in research projects, background on microbiology and chemical analysis.
3. **Factors preferred:** Driving licence. Good English fluency.
4. **Work plan:** The main tasks to be developed are: to isolate the root exudates from distinct wheat varieties and perform their analysis by HPLC. The grant holder will also perform the screening of the effects of the root exudates on the biofilm production by strains of *Azospirillum brasilense* (associative and endophyte), in presence or not of several biofilm production auto-inducer-like substances. This Grant holder will also participate in the design of the BioClub fertilizer and on the test of its effects on plant resistance to diseases (greenhouse and field trials).
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 22nd December 2014.
6. **Place of work:** The work will be developed at Centre for Ecology, Evolution and Environmental Changes (cE3c), Departamento de Biologia Vegetal, Faculdade de Ciências da Universidade de Lisboa under the scientific guidance of Professora Cristina Cruz.
7. **Fellowship duration:** This position is initially opened for 6 months and will begin on September, 2016. The fellowship contract may be renewed to more 18 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 the 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 first evaluated by the quality of their CV (25%) and motivation letter (25%). The top five will be selected for an interview that will represent 50% of the total evaluation.
10. **Selection Committee:** the President of the jury will be Cristina Cruz, and the jury members will be Luís Carvalho and Teresa Dias. Patrícia Correia and Manuela Carolino will substitute any of the other members if necessary.



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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 – 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 5 to the 18 of July 2016.
13. **Application:** Applications may only be sent via e-mail to Cristina Cruz ccruz@fc.ul.pt, by attaching the following documents: *Curriculum vitae (including two reference letters), motivation letter, certificate and other documents considered relevant*.

Código de campo alterado