



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

(Bolsa de Investigação - 1 vacancy)

One Fellowship Bolsa de Investigação is open at the **Fundação da Faculdade de Ciências da Universidade de Lisboa**, for the project/R&D institution Rhizospheric microbial consortia to increase nutrient use efficiency. A tool to be used in intensive farm systems, Centre for Environmental Biology (CBA) at Faculdade de Ciências da Universidade de Lisboa (FCUL), PTDC/AGR-PRO/115888/2009, financed by national funds by FCT / MEC (PIDDAC) under the *Programme All Scientific Domains*, under the following conditions:

1. **Scientific Area:** Biological Sciences, Microbial Ecology
2. **Requirements for admission:** Degree in Biology, Agronomy or related areas, experience in field-work on microbial ecology, inoculant production, mycorrhizal techniques. Having a driving licence is a factor of preference.
3. **Work plan:** November and December 2013: assessing soil characteristics of soil used to grow maize with distinct microbial consortia. Determination of chemical, physical and biological properties

January and March 2014: Determination of biological indicators of soil activity: catabolic enzyme activities, nitrification potential and decomposition potential.

April to June 2014: study of consortia and their activities using the best genotypes and phenotypes. Maintenance and production of consortia and distribution to farmers. Collection of field samples after microbial application. Optimization of culture conditions and application of inoculum. Presentation of the final report of activities.

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 29 January, and Decree-Law No. 89/2013 of 9 July; Fundação para a Ciência e a Tecnologia, I.P. Fellowships Regulation of 2013.

5. **Place of work:** The work will be developed at Centre for Environmental Biology and Department of Plant Biology, Faculty of Sciences, university of Lisbon under the scientific guidance of Professor Cristina Cruz.

6. **Fellowship duration:** This position is initially opened for 3 months and will begin on November 2013. The grant contract may be renewed to more 5 months, until one total duration of 8 months.

7. **Monthly allowance:** The fellowship amounts to € 745, 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%) and interview (50%).
9. **Selection Committee:** Cristina Cruz (president), Luis Carvalho and Margarida Barata, Silvana Munzi (alternate member of the jury)
10. **Publication/notification of results:** The final results of the evaluation will become public, through *alphabetically* ordered list which will be posted at the entrance hall of the **Fundação da Faculdade de Ciências da Universidade de**



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Lisboa, 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*.

11. **Deadlines:** This call for applications is open from 5 to 18 November 2013
12. **Application:** Applications may be sent via e-mail to Cristina Cruz, ccruz@fc.ul.pt by attaching the following documents: *Curriculum vitae, certificates and motivation letter*.