



CALL FOR AWARDING GRANTS AND PROJECTS UNDER R & D INSTITUTIONS

Título: Post- Doc fellowship

One Post-Doc fellowship is open at the **Fundação da Faculdade de Ciências da Universidade de Lisboa**, at the project/instituição de I&D **RACHIs-Reduction on the Absorption of Cholesterol by Herbal infusions** /PTDC/QUI-BIQ/113477/2009, financed by national funds by FCT / MCTES (PIDDAC) under the program em Todos os Domínios Científicos¹, under the following conditions:

1. **Scientific Area:** Pharmaceutical and Toxicological Biochemistry
2. **Requirements for admission:** PhD in Biochemistry (Pharmaceutical and Toxicological Biochemistry); studies on biochemistry of the infusions activity in laboratory animals, mainly antiacetylcholinesterase activity and cholesterol bioavailability through Caco-2 cell lines. Skills on the identification of polyphenols and terpenoids by HPLC-DAD and HPLC-MS.
3. **Work plan: Objective:** To analyse the simultaneous action of ezetimibe when taken together with the infusions on the cholesterol bioavailability.
Methodology: Caco-2 cell lines growth and bioavailability development studies; HPLC-DAD and LC-MS technology. bioavailability of cholesterol in the presence of plant infusions and the drug ezetimibe.
4. **Legislation framework:** Portuguese Law Nr. 202/2012, from 27 August (Research Grant Holder Statute); Regulation of Advanced Training and Qualification of Human Resources 2012.
5. **Place of work:** The work will be developed at (denominação da unidade de investigação) do(a) Centro de Química e Bioquímica da Faculdade de Ciências da Universidade de Lisboa under the scientific guidance of Professor Maria Luisa Serralheiro.
6. **Fellowship duration:** This position is initial open for 6 months and will begin on 2 January 2013. The grant contract may be renewed to more 6 months, until total duration of 12 months.
7. **Monthly allowance:** The amount of the scholarship amounts to € 1495 according to table values of the scholarships awarded directly by the FCT, IP in the country (<http://www.fct.pt/apoios/bolsas/valores>). (grants awarded to projects financed by FCT).
The Fellows 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 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 PhD area, it will be given preference to PhD ended this year(2012); work in the biochemical effect of infusions in laboratory animals and in Caco-2 cells (25%); papers published in food journals (15%), international meetings in the food/functional food/medicinal plants area (10%).

¹ A divulgação e a publicitação do apoio concedido constituem uma responsabilidade das entidades beneficiárias, consagrada na legislação comunitária e nacional. Deverá ser referenciado o programa ao abrigo do qual foi aprovado o projecto em que se insere a bolsa.



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9. **Selection Committee:** : Prof. Doutora Maria Helena Florêncio (Presidente do Júri), Prof. Doutora Maria de Fátima Frazão (Vogal efetivo), Prof. Doutora Maria Luisa Serralheiro (Vogal efetivo), Prof. Maria Margarida Meireles (suplente).
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 – 3rd floor, Campo Grande, 1749-016 Lisboa, and the selected candidate will be notified by email.
11. **Deadlines:** This call for applications is open from 12 to 26 December.
12. **Application:** Applications may be filed via e-mail to mlserralheiro@fc.ul.pt, attaching the following documents: Curriculum Vitae. Applications may also be sent by mail to .Maria Luisa Serralheiro. DQB.FCUL.Campo Grande. 1749-016 Lisboa.