



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

One Fellowship

One Fellowship for (type of fellowship) for licenciado is open at the **Fundação da Faculdade de Ciências da Universidade de Lisboa, F.P. (FFCUL)**, for the project/R&D institution *Realização de análises de extractos de algas marinhas no âmbito do projecto Hybrid XXI / CQB*, financed by Sapec Agro, S.A., under the following conditions:

1. **Scientific Area:** Chemistry
2. **Requirements for admission:** Degree in Chemistry or any other related scientific field with experience in chromatographic separation techniques and mass spectrometry.
3. **Factors preferred:** Preference will be given to candidates who have proven previous experience topics covering the analysis of plant extracts.
4. **Work plan:** Analyzes of complex matrices is always a challenge whose response will have to be accomplished through a thorough approach. In particular, the identification of the constituents of algae extracts will be carried out using advanced mass spectrometry techniques, namely gas chromatography coupled to mass spectrometry (GC-MS and GC-MSn) and high performance liquid chromatography coupled to spectrometry Mass (HPLC-MS and HPLC-MSn). For the analysis of the extracts the work plan will also involve the screening and use of the most adequate methods for sample preparation (i.e., solid phase extraction, SPE, and micro phase extraction, SPME) in order to obtain a broader understanding of the molecular constituents of these extracts. It is further envisaged to compare the molecular profile of the extracts before and after the processing in order to ascertain the influence of the processing on the molecular profile.
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 FFCUL's Fellowship Regulation, as approved on 22nd December 2014.
6. **Place of work:** The work will be developed at Centro de Química e Bioquímica of the Departamento de Química e Bioquímica da Faculdade de Ciências da Universidade de Lisboa under the scientific guidance of Professor Pedro Miguel Duarte Vaz
7. **Fellowship duration:** This position is initially opened for 8 months and will begin on January 2017. The fellowship contract may be renewed eventually until the end date of the project, 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 € 745, 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 CV (70%) and analysis of the motivation letter (30%).
10. **Selection Committee:** Pedro Miguel Duarte Vaz (Presidente, efetivo), Maria Helena Ferreira da Silva Florêncio (efetivo), Maria Luísa Mourato De Oliveira Marques Serralheiro (efetivo), Pedro Luís Vieira Falé (suplente).



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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 5th of January to 11th of January 2017.
13. **Application:** Applications may be sent via e-mail to Pedro Miguel Duarte Vaz, pmvaz@fc.ul.pt, by attaching the following documents: *Curriculum vitae*, *certificate of habilitations* and *a motivation letter*. Applications may also be sent by mail to:

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