

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

Research grant for applicants with a master degree, one position

One research position for applicants with a master degree is open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project “Theoretical design of molecular machines with applications in organic photovoltaics and solar thermal energy storage” (PTDC/QUI-QFI/29174/2017), financed by national funds by FCT/MCTES under the programme All Scientific Domains, under the following conditions:

1. **Scientific Areas:** Chemistry, Physics, or related areas
2. **Requirements for admission:** Master degree in Chemistry, Physics, or related areas.
3. **Factors preferred:** Experience with molecular dynamics and electronic structure theory.
4. **Work plan:** Application of density functional theory (DFT) and time dependent density functional theory (TDDFT) to the analysis of the structure, dynamics, and electronic structure of molecular species of interest in organic photovoltaics and solar thermal energy storage. The main goal is a better understanding of thermal, aggregation, and environment effects on the electronic structure.
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 (<https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT.pdf>) and **FCiências.ID** Fellowship Regulation, as approved on 23rd February 2017.
6. **Place of work:** The work will be developed at the Biosystems and Integrative Sciences Institute under the scientific guidance of Professor Benedito José Costa Cabral.
7. **Fellowship duration:** This position is opened for 6 months and will begin on February 2019. The fellowship contract may be renewed to more 6 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 € 980,00 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 (30%), suitability of the candidate's profile for the project (50%), and previous experience in research and scientific interests (20%).
10. **Selection Committee:** Professor Margarida Sofia Amaral (President); Professor Benedito José Costa Cabral (effective); Doctor Nuno Jorge Galamba (effective); Doctor Miguel Machuqueiro (supplent).

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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 **FCiências.ID**, 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 03 to 31 December 2018.
13. **Application:** Applications may be sent via e-mail to bjcabral@fc.ul.pt, by attaching the following documents: Curriculum vitae, Master certificate and two recommendation letters.

NOTE: Please note that Degrees obtained in foreign countries need a Portuguese Recognition certificate and, in some cases, a equivalence certificate issued by a Portuguese high degree institution according to the Decree-Law nr. 341/2007, of Oct 12th, the ministerial order nr. 29/2008, of Jan 10th and the ministerial order nr. 227/2017, of July 25th. The certificate request date must be prior to the application deadline. The presentation of such certificates is mandatory for contract signature. For further info please see https://www.ulisboa.pt/sites/ulisboa.pt/files/basicpage/docs/guide_equiv_rec_foreign_degrees_august2017_site.pdf