

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

One Research Fellowship

One Research Fellowship “Bolsa de Investigação” for Master is open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the Project “**Active Matter on Substrates: from single cells to tissues (Cell2Tissue)**”, “PTDC/FIS-MAC/28146/2017” (LISBOA-01-0145-FEDER-028146) financed by “Fundo Europeu de Desenvolvimento Regional (FEDER)”, “Programa Operacional Regional de Lisboa”, “Programa Operacional Competitividade e Internacionalização” and by national funds from FCT / MCTES (PIDDAC), under the following conditions:

1. **Scientific Area:** Physics.
2. **Requirements for admission:** Master’s degree in Physics or related fields.
3. **Factors preferred:** Solid background in Fluid Dynamics. Previous experience with Lattice Boltzmann methods and/or Molecular Dynamics.
4. **Work plan:** We aim at investigating the role of hydrodynamics in the collective behavior of passive and active particles. The specific objective of this fellowship is to implement a Lattice Boltzmann code coupled with Molecular Dynamics simulations to study this problem.
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 Center for Theoretical and Computational under the scientific guidance of Professor Nuno Miguel Azevedo Machado de Araújo and Professor Margarida Maria Telo da Gama
7. **Fellowship duration:** This position is initially opened for 3 months and will begin on January 2019. The fellowship contract may be renewed to more 9 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 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 (80%) and interview (20%).
10. **Selection Committee:** Nuno Miguel Azevedo Machado de Araújo (president), Margarida Maria Telo da Gama (member), Cristóvão de Sousa Dias (member), Mykola Tasinkevych (substitute).

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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 27th December 2018 to 10th January 2019
13. **Application:** Applications may be sent via e-mail to nmaraujo@fc.ul.pt, by attaching the following documents: Curriculum Vitae, certificate, and motivation letter.

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