

CALL FOR AWARDING RESEARCH FELLOWSHIPS WITHIN R&D PROJECTS AND R&D INSTITUTIONS

One Research Studentship for a master student

1 Research Studentship (BI) is(are) opened at **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, in the framework of the project/R&D Unit “Organized Magnetic Nanoparticles-OrMagNa”, “PTDC/NAN-MAT /28785/2017”, funded by national funds by FCT / MCTES (PIDDAC) under the programme All Scientific Domains, under the following conditions:

1. **Scientific Area:** Physics
2. **Essential skills and qualifications:**
 - a. Students enrolled in a master program or graduate and/or master degree holders enrolled in non-awarding degree courses.
 - b. Graduation in Physics or related field
 - c. Experience in the study of magnetic systems
 - d. Master Course student

Additional optional skills and qualifications:

- a. Experience in the study of magnetic nanoparticles
 - b. Experience in atomic force microscopy (AFM) and magnetic force microscopy (MFM) analysis.
3. **Work to be performed:**
 - a. Structural, morphological and magnetic characterization of iron oxide nanoparticles
 - b. Magnetic hyperthermia efficiency assessment
 - c. Evaluation of the stability and aggregation state of the prepared systems
 4. **Applicable legislation :** Research Fellowship Holder Statute, in accordance with Law 40/2004, of 18 August, in its current version and the FCT Regulation for Research Studentships and Fellowships, in its current version available at <https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2019.pdf>.
 5. **Place of work:** The work will be developed at the MagNano group laboratories, of BioISI- Biosystems and Integrative Sciences Institute at Faculdade de Ciências (Campo Grande, Lisboa, Portugal) under the scientific supervision of Professor Maria Margarida Cruz.
 6. **Fellowship duration:** This position is initially opened for 6 months and will begin on April 2020. The fellowship contract may be renewed for up to more 8 months, in accordance with the provisions set out in the FCT Regulation for Research Studentships and Fellowships.
 7. **Offered conditions:**
 - The fellowship amounts to € 798, according to the Stipends values table awarded directly by the FCT, IP.
 - The fellowship holder will have a mandatory personal accident insurance, valid for 24h during the extent of the fellowship.

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- The fellowship holder can ensure the right to social security on a voluntary basis under the Voluntary Social Security scheme, if not covered by any other social protection scheme, pursuant to *Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social*.
The fellowship will be paid on a monthly basis by wire transfer.
- 8. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV (60 %) and personal interview (40%).
- 9. **Selection Committee:**
President – Maria Margarida Cruz
Member - Maria Margarida Godinho
Member - Liliana Ferreira
Alternate member - Mário Rodrigues
- 10. **Publication/notification of results:** All the candidates will be notified by e-mail, send by the call holder, with the selection meeting minutes enclosed.
- 11. **Deadline:** This call for applications is opened from 09/03/2020 to 20/03/2020 .
- 12. **Application:** Applications should be sent via e-mail to mmcruz@fc.ul.pt, by attaching the following documents:
 - a) Curriculum vitae;
 - b) Certificate of completion of previous degree;
 - c) Proof of registration in the study cycle that confers the requested degree in this call;
 - d) and other documents considered relevant.
- 13. **Time limits for the appeal procedure:** In case of negative decision, the candidates have 10 business days, after the date of announcement of the results of the candidates evaluation, to pronounce their disagreement in accordance with the *Código do Procedimento Administrativo*. Appeals against the final decision may be submitted to the Administration Board of FCiências.ID (fciencias.id@fciencias-id.pt) within 15 business days after the notification date.

Note 1: The documents that prove the entitlement of the academic qualifications and diplomas, or the proof of registration in the academic degree or diploma requested on the call, can be dismissed during the application period and replaced by a declaration on their honour from the applicant. Their delivery is mandatory during the fellowship contractualisation.

NOTE 2: Please note that - higher education degrees and diplomas awarded by foreign higher education institutions need to be recognized by a Portuguese higher education institution, pursuant to the [Decree-Law nr. 66/2018](#) (August 16) and the [Ministerial Order nr. 33/2019](#) (January 25). The presentation of the recognition certificate is mandatory for contract signature. More information can be obtained at: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>.