

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

Research fellowship for Master

One research fellowship for a Master is open at the **FCiências.ID – Associação para a Investigação e o Desenvolvimento de Ciências**, for the project FRESHING – Next-generation biomonitoring: freshwater bioassessment and species conservation improved with metagenomics (PTDC/AAG-MAA/2261/2014), financed by national funds by FCT / MCTES (PIDDAC) and co-financed by Fundo Europeu de Desenvolvimento Regional (FEDER) throughout COMPETE – Programa Operacional Factores de Competitividade (POFC), under the Programme All Scientific Domains under the following conditions:

1. **Scientific Area:** Biological Sciences
2. **Requirements for admission:** Candidates should hold a MSc. degree in Biology or related fields and should have a solid experience in conservation genetics.
3. **Factors preferred:** The candidates should demonstrate experience in: (i) molecular biology techniques, including sequencing (with both Sanger and Next Generation Sequencing techniques); (ii) phylogenetic analysis and population genetic analysis; and (iii) management of databases and biological collections. Preference will be given to candidates with experience in field work in freshwater ecosystems and taxa (fish and macroinvertebrates), and particularly in mediterranean streams. Motivation, communication and team work skills, and fluency in English (spoken and written) will also be valued.
4. **Work plan:** The fellowship is framed in a project that investigates the value of latest metabarcoding approaches and applied ecological tools to improve freshwater water quality assessments and species detection, and ultimately optimize monitoring programs. The candidate will be involved in several tasks: (i) DNA extraction of tissue and eDNA samples; (ii) amplification and sequencing of molecular markers; (iii) metabarcoding laboratory protocol optimization; (v) participation in field work; and (vi) management of databases and biological collections. The candidate is also expected to collaborate in the preparation of technical reports and scientific publications.
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 plan will be developed at the Centre for Ecology, Evolution and Environmental Changes (CE3C) of the Faculty of Sciences of the University of Lisbon, under the scientific guidance of Professor Maria Filomena de Magalhães, with laboratorial tasks being carried out at and field work focusing in the Douro basin.
7. **Fellowship duration:** This position is initially opened for six months and will begin on the 1st December 2018. 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., and upon acceptance of the extension of the time limit for conclusion of the project by 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>).

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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 based on the i) quality of the CV (40%), ii) previous experience relevant to the project and the work-plan (40%), and iii) motivation letter (20%). Additionally, an interview with the candidates with the top three marks will be performed. The selection committee may not award the fellowship if the expected quality and requirements of candidates are not fulfilled.

10. **Selection Committee:** The selection committee will include Professor Maria Filomena de Magalhães (Chair), Professor Ana Maria Pires (Vowel), Doctor Ana Filipa Filipe (Vowel), and Doctor Pedro Beja (Substitute Vowel).

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 bdg – 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 22th October to 6th November 2018.

13. **Application:** Applications may be sent via e-mail to mfmagalhaes@fc.ul.pt, by attaching the following documents: *Curriculum vitae, certificate of the degree awarded, and motivation letter and other documents considered relevant*. Applications may also be sent by mail to Maria Filomena de Magalhães, Departamento de Biologia Animal, FCUL; Bloco C2, Campo Grande; 1749-016 Lisboa.

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