

Title: Open call for one Master Degree fellowship

One Master degree fellowship is open at the Department of Life Sciences within the project OncoHIT (PTDC/MED-ONC/28660/2017), “Targeting Intra-Tumor heterogeneity as a promising therapeutic strategy for cancer”, which is financed by national funds from FCT/MCTES (PIDDAC).

1. Scientific area: Bioinformatics

2. Admission Requirements: Applicants to this call may be national, foreign or stateless candidates holding a Master degree in the field of Bioinformatics or similar and complying with the following specific requirements:

- a. Demonstration of competences in Bioinformatics or overall data analyses;
- b. Proficient in R and Python scripting;
- c. Experience or interest in integration and modelling of large-scale data;
- d. Team spirit and commitment to share and collaborate.
- e. Preference will be given to candidates with knowledge on processing and quantitative analysis of genomic data.

3. Work Plan: The Researcher shall be involved in all the tasks of the research project entitled “Targeting Intra-Tumor heterogeneity as a promising therapeutic strategy for cancer”. This project will require integration and modelling of genomic and clinical large-scale data, to answer the main questions of the project. The Researcher should also contribute and support other team's initiatives.

4. Rules and Regulations A fellowship contract will be celebrated according to the regulations defined by FCT “Regulations for Advanced Training and Qualification of Human Resources”, 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 29 January and by Decree-Law No. 89/2013 of 9 July; Regulation of FCT (<https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2018.pdf>)

5. Working location and supervisor: The work is to be carried out at the Computational Multi-Omics Lab of UCIBIO, at the Department of Life Sciences, at *Faculdade de Ciências e Tecnologia da Universidade NOVA de Lisboa (FCT-NOVA)* under the scientific supervision of Dr. Ana Rita Grosso.

6. Fellowship duration: the fellowship is for 3 months, starting June 1st, 2019, which will work as probation period. In the case of positive provision, the fellowship can be eventually renewable till 24 months.

7. Salary and benefits: According to the regulations of the FCT Scientific Fellowships in Portugal (<http://alfa.fct.mctes.pt/apoios/bolsas/valores>) the net salary will be of 989,70 EUR/month, which will be paid monthly by bank transfer. The fellow will be covered by a personal accident's insurance and can contribute voluntarily to the national social security system, according to Decree-Law nº 40/89, of 1 February.

8. Selection methodology: The selection of the successful candidate will be carried out through the evaluation of the scientific and curricular achievements:

- a. Curricular evaluation and demonstration of competences in Bioinformatics or overall data analyses (40%);
- b. Proficient in R and Python scripting (30%);
- c. Experience or interest in integration and modelling of large-scale data (30%);

The 3 top applicants with more than 50% of classification will be short-listed and called for an interview. In this case, the weight percentages will be: curricular evaluation, 30%; Proficient scripting, 25%; experience in large-scale data, 25%; interview, 20%. In the absence of candidates with overall classification above 50%, the current call will be closed without candidate selection.

9. Jury members:

Presidente: Doutora Ana Rita Grosso

Vogal: Doutor Daniel Sobral

Vogal: Doutor Pedro Costa

Vogal Suplente: Doutora Patricia Brito

Vogal Suplente: Doutora Paula Gonçalves

10. Notification of Results: The evaluation results will be publicized as a ranked list in a public place at the Department of Life Sciences of FCT-NOVA. The selected candidate will be notified by e-mail.

11. Application Procedure

The call for applications is open between April 30th and May 14th, 2019. Applications must be submitted in English, by email to argrosso@fct.unl.pt, indicating "OncoHIT Fellowship" in the subject area, and the following documents attached: Motivation Letter; Full CV; certificates. The applicants should include their full contact information in the body of e-mail.