

IBMC - Instituto de Biologia Molecular e Celular

BI-Mestre fellowship (f/m)

Internal Code: Norte2020HOST32

Project: NORTE-01-0145-FEDER-000012, Structured Program on Bioengineering Therapies for Infectious Diseases and Tissue Regeneration

IBMC/i3S is opening **1 (one) BI-Mestre Fellowship** to join its Research Program in Molecular biology of host-pathogen interactions and responses.

Title: Molecular biology of host-pathogen interactions and responses for new therapeutic targets.

Admission Requirements:

We are looking for Fellows holding a Master degree in Microbiology, Biology, Biochemistry or related fields with experience and autonomy in working in Microbiology, Molecular and Cellular Biology, Advanced Light Microscopy, Cell-based assays and data quantitative analysis. English language, both spoken and written, and good inter-personal relationships in the context of a multidisciplinary research team are essential attributes. Preference will be given to candidates with these characteristics.

Group: Molecular Microbiology

PI: Didier Cabanes

Work Plan:

The main objectives of this Program are to comprehend virulence mechanisms of pathogens and molecular processes of the host immune/inflammatory response to develop novel prevention, diagnosis and anti-infective strategies.

In the framework of the research line “Molecular biology of host-pathogen interactions and responses for new therapeutic targets”, our objective is to use *Listeria monocytogenes* to provide targets to innovative approaches diminishing infectivity and reinforcing host defences to control infection, by analysing not only the strategies evolved by this pathogen to invade the host and manipulate/evade host defences, but also the mechanisms engaged by the host to sense, restrict/control and eliminate this infectious agent.

Workplace: The work will be developed at Instituto de Investigação e Inovação em Saúde - i3S, Porto, Portugal.

Duration: The BI-Mestre Fellowship will be for 6 months and it is expected to start on November 1st, 2018.

Monthly remuneration Monthly remuneration is 980 euros accordingly to established remuneration values, paid by bank transfer, preferentially. (<http://alfa.fct.mctes.pt/apoios/bolsas/valores>)

Fellowships are regulated by current laws relating to the Statute of Science Research Fellows, namely Law 40/2004 of August 18, amended and republished by Decree-Law No. 202/2012 of 27 August and the Regulation of Scientific Research Studentships of IBMC approved by Fundação para a Ciência e Tecnologia (<http://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf>)

Selection Committee:

Sandra Sousa, PhD; Didier Cabanes, PhD; and Ana do Vale, PhD

Applications are open from 8th to 20st October 2018.

To apply for the Research Fellowship interested candidates must hold a Master degree and submit the following documents a) Complete and detailed CV; b) Letter of Motivation in English; and c) Copy of Master Certificate, d) Contact Person(s) who may be asked to provide references about the candidate, *via* the online application system: <http://www.ibmc.up.pt/gestaocandidaturas/index.php?codigo=Norte2020HOST32>

The ranking list of candidates will be published at IBMC website, and the selected candidate will be notified by email.