

**IBMC - Instituto de Biologia Molecular e Celular**

**Postdoctoral fellowship (f/m)**

**Internal Code:** Norte2020NEURO48

**Project:** NORTE-01-0145-FEDER-000008, “Porto Neurosciences and Neurologic Disease Research Initiative at i3S”

**Title:** Exploring the role of polyglutamine repeats in protein-protein interactions

IBMC/i3S is opening **1 (one) Postdoctoral Fellowship** to join the Research program “Novel therapeutic tools for Machado-Joseph Disease: Lessons from molecular interactions”

We are looking for a Fellow holding a PhD in Biology, Biochemistry or related fields with less than three years of Post-Doctoral experience. The applicant should have expertise in molecular biology as well as in recombinant protein expression and purification. Previous experience in microbiology applied to the study of enzymes with amino acid repeats will be evaluated positively. English language, both spoken and written, and good inter-personal relationships in the context of a multidisciplinary research team are essential attributes.

**Group and PI:** Biomolecular Structure and Function Group, Sandra de Macedo Ribeiro

**Work Plan:** The project will explore the role of polyglutamine repeats on the regulation of cell signaling cascades, mediated by GTPases and protein kinases. The project will focus on the expression and purification of the recombinant proteins in heterologous systems, followed by their purification and biochemical/biophysical characterization. The role of the amino acid repeats on protein interactions and enzyme activity will be studied in vitro and combined with in vivo studies in eukaryotic cells.

The Postdoctoral Fellowship will be for 6 months, renewable, and it is expected to start in May 15th 2017.

The fellowship amount is 1495 euros, 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 de Macedo Ribeiro, PhD

Pedro J. B. Pereira, PhD

Jorge Ripoll, PhD

Applications are open from April 10th to April 30th, 2017.

To apply for the Postdoctoral Fellowship interested candidates must hold a PhD degree and submit the following documents a) Complete CV; b) Letter of Motivation; and c) Referee Letter, *via* the online application system:

<http://www.ibmc.up.pt/gestaocandidaturas/index.php?codigo=Norte2020NEURO48>

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