

IBMC - Instituto de Biologia Molecular e Celular

Postdoctoral fellowship (f/m)

Internal Code: Norte2020NEURO54

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

Title: Identification and characterization of disease-causing variants in neurodegenerative disorders

IBMC/i3S is opening **1 (one) Postdoctoral Fellowship** to join the Research program focused in understanding neurodegenerative disorders and in the development of therapeutic strategies to ameliorate these conditions.

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 human genetics and in identification and characterization of genetic variants. Experience in molecular and cell biology is highly recommended.

Group and PI: UnIGENe, Jorge Sequeiros

Work Plan: The project will focus on the identification of new causative genes in different neurological conditions and on the biological validation of the variants identified. For the identification of new causative genes exome and genome sequencing will be applied. After the identification of the potentially disease-causing variants we will functionally explore the impact of each variant in order to confirm their causative role. For this we will use patient-derived material whenever possible or, alternatively, CRISPR/Cas9 developed cellular models that will be fully characterize.

The Postdoctoral Fellowship will be for 12 months, renewable, and it is expected to start in September 1st, 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:
Jorge Sequeiros, PhD
Isabel Alonso, PhD
Carolina Lemos, PhD

Applications are open from July 20th to August 15th, 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=Norte2020NEURO54>

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