

IBMC - Instituto de Biologia Molecular e Celular

Research fellowship (f/m)

Internal Code: Norte2020NEURO33

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

Title: Identification of mechanisms underlying Tau pathology in neurodisorders.

IBMC/i3S is opening **1 (one) Research Fellowship** to join its Research Program in Neurosciences.

We are looking for candidates holding a degree in Biology or related fields with a final score of 15 or higher. Previous experience in molecular and cell biology techniques or *Drosophila* genetics will be positively considered. Knowledge of English language, both spoken and written, and good interpersonal qualities in the context of a multidisciplinary research team are also essential attributes.

Group and PI: Neurodevelopment and Degeneration, Carla S. Lopes.

Work Plan: Tauopathies are characterised by the intracellular aggregation of the microtubule-associated protein Tau mainly in the hyperphosphorylated form. Unbalanced phosphatase (PPase) activity was proposed as a mechanism leading to tauopathy, while modulation of Tau phosphorylation is viewed as a therapeutic venue. We use fly models of disease to uncover molecular mechanisms underlying Tau pathology. The candidate will use genetic and biochemical approaches to address Tau modulation in fly models of disease.

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

The Fellowship initially for 6 months is eventually renewable up to 12 months, and it is expected to start February 1st 2017.

The fellowship pays 745 euros per month, preferentially paid by bank transfer.
(<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:

Carla S. Lopes, PhD
José Bessa, PhD
Elsa Logarinho, PhD

Applications are open from December 12th to January the 12th, 2017.

To apply for the Fellowship interested candidates must submit the following documents: a) Complete CV; b) Letter of Motivation including names of referees, c) Degree Certificate(s) with discriminated grades. Documents must be submitted *via* the online application system:

<http://www.ibmc.up.pt/gestaocandidaturas/index.php?codigo=Norte2020NEURO33>

Candidates may be invited for an interview.

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