

IBMC - Instituto de Biologia Molecular e Celular

Research fellowship (f/m)

Internal Code: Norte2020NEURO78

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

Title: Treatment strategies in neurodegenerative diseases related to transthyretin aggregation – the systemic amyloidoses.

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

We are looking for candidates with a Degree in Pathological Anatomy with an average of 15 or higher and a Masters Degree in Health of 14 or above. We give preference to training in animal experimentation with a FELASA B diploma and experience in Histology, Biochemistry, Microscopy and transthyretin associated pathology. It also intends to have experience in laboratory management.

Group and PI: Molecular Neurobiology Group (Professor Maria João Saraiva)

Work Plan:

As amiloidoses de transtirretina (TTR) são doenças hereditárias associadas à formação e deposição de amiloide principalmente no sistema nervoso periférico e no coração. O objectivo deste estudo é de compreender os mecanismos moleculares associados ao efeito benéfico do ensaio clínico em curso em doentes com amiloidose sistémica com a doxíciclina e o TUDCA. O efeito destes compostos efeitos serão testados num modelo de murganho específico para amiloidose de TTR. Animais de várias idades serão utilizados e analisados para deposição de TTR por imunohistoquímica ótica e de fluorescência em cortes de vários órgãos e tecidos. As mesmas áreas serão investigadas para marcadores bioquímicos incluindo a identificação de tipos celulares alterados por microscopia confocal e métodos de biologia molecular.

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

The MSc Fellowship is expected to start in May 1st 2019 and end in 31th December 2019 (8 months not renewable).

The fellowship amount is 989.70 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:

Maria João Saraiva (PhD)
Maria Rosário Almeida (PhD)
Isabel Cardoso (PhD)

Selection: candidates will be graded by curricular evaluation taking into account the admission requirements. After raking, the pre-selected candidates can be called for face-to-face interview.

Applications are open from 1st April to 12th April 2019.

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

<http://www.ibmc.up.pt/gestaocandidaturas/index.php?codigo=Norte2020NEURO78>

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