

## IBMC - Instituto de Biologia Molecular e Celular

### Research fellowship (f/m)

**Internal Code:** Norte2020NEURO17

**Project:** NORTE-01-0145-FEDER-000008, Porto Neurosciences and Neurologic Disease Research Initiative at I3S

**Title:** 3Rs, ethics and training

IBMC/I3S is opening **1 (one) Research Fellowship** to join its Research Program in Neuroscience

We are looking for candidates with a degree (Bachelor or Master) in Biology, Veterinary Medicine, Animal Science or equivalent areas and practical experience of work with laboratory zebrafish and/or rodents, preferably with research experience in animal behavior and welfare. Excellence in spoken and written English 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 and PI:** Laboratory Animal Science, Anna Olsson

#### Work Plan:

The zebrafish is an increasingly important research model for which there is yet very limited knowledge about appropriate anaesthesia protocols. There is a need for more systematic approaches considering anaesthetic parameters, as well as for studying how different compounds influence animal welfare and recovery. We will test a series of alternatives for zebrafish anaesthesia, evaluating their clinical efficacy in short and long duration anaesthesia, recovery quality, aversion, histopathological alterations, synaptic plasticity, mitochondrial and behavioural alterations. The research fellow may also be involved in ongoing complementary research into laboratory rodent behavior and welfare.

The Fellowship will be initially for 6 months, with the possibility of renewal, and it is expected to start in May 1st 2016.

The fellowship amount is 745 or 980 euros, depending on the degree, paid by bank transfer, preferentially. (<http://alfa.fct.mctes.pt/apoios/bolsas/valores>)

An eventual review of the Research Fellowship amount during the Project may be considered upon request and presentation of evidence of master degree, but it is dependent on financial availability of the Project.

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:

Anna Olsson, PhD

Ana Maria Valentim, PhD

Nuno Franco, PhD

Applications are open from March 15th to March 31st, 2016.

To apply for the Fellowship interested candidates must submit the following documents a) Complete CV; b) Letter of Motivation; and c) Document indicating name and contact details of two persons who can provide references for the candidate, *via* the online application system:  
<http://www.ibmc.up.pt/gestao candidaturas/index.php?codigo=Norte2020NEURO17>

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