

IBMC - Instituto de Biologia Molecular e Celular

Internal Code PostDoctoral Fellowship: ON2201412

Title: Cell homeostasis, tissue organization and organism biology – NORTE-07-0124-FEDER-000003

IBMC, a leading and dynamic research institution in the field of Life and Health Sciences is opening **1 (one)** Postdoctoral Fellowship to join its Research Program in Molecular and Cell Biology in the areas of Bioinformatics, Mathematical modeling, Structural Biology, Biochemistry, Cell Biology, Cell Signaling, Development or Evolution. English language, both spoken and written, and good inter-personal relationships are essential.

Work Plan: The successful candidate will integrate the Molecular Genetics Research Group (<https://www.ibmc.up.pt/research/research-groups/molecular-genetics>) involved with the development and study of cancer models in *Drosophila*. The aim of the work is to implement a cancer model in the midgut of the adult fly taking advantage of tissue specific RNAi driven constructs against a number of genes required for proper chromosome segregation. Candidates must have experience in *Drosophila* work including use of the GAL4 system, as well as knowledge on the mechanisms that regulate cell division.

The Postdoctoral Fellowship is for 6 months, not renewable.

The selected candidate will benefit from an excellent research environment, and have access to state of the art facilities including Advanced Light Microscopy, Flow Cytometry, Gene expression, Animal House, Electron Microscopy, Protein Production and Purification (<http://www.ibmc.up.pt/research/research-facilities>).

Fellowships at IBMC 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 the IBMC approved by Fundação para a Ciência e Tecnologia (www.ibmc.up.pt/fellowships.php)

The fellowship amount is 1495 euros, paid by bank transfer, preferentially.
(<http://alfa.fct.mctes.pt/apoios/bolsas/valores>)

Applications should be received from November 1st until November 14th, 2014. The Postdoctoral Fellowship is expected to start in January 1st.

Selection Committee: Claudio Sunkel, PhD, Carlos Conde, PhD and Eurico Sá, PhD

To apply for the Postdoctoral Fellowships 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=ON2201412>