

IBMC - Instituto de Biologia Molecular e Celular

BGCT (f/m)

Internal Code: Norte2020CANCER17

Project: NORTE-01-0145-FEDER-000029- Advanced cancer research: from basic knowledge to application

Title: Chemical screen for transcriptional suppressors of the pancreas oncogene KRAS

Group and PI: Vertebrate Development and Regeneration, IBMC, Jose Bessa

IBMC/i3S is opening **1 (one) BGCT Fellowship** to join its Research Program in Novel therapeutic targets and models for cancer

We are looking for a Fellow holding a Master degree in Biology or related fields with experience and full autonomy working in Laboratory management, zebrafish handling and husbandry, zebrafish microinjection, transgenesis and Crispr-Cas9 mutagenesis and with a license to work with animals (FELASA B). English language, both spoken and written, 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.

Work Plan:

The main tasks of the fellow will be:

- 1) Laboratory management
- 2) Perform enhancer assays for the identified putative CREs of kras
- 3) Establish stable in vivo reporter lines for the validated CREs of kras
- 4) Screen for drugs able to suppress the transcription of KRAS using zebrafish embryos in vivo reporters
- 5) Validate the drugs in adult zebrafish and mice

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

The BGCT Fellowship will be for 12 months, renewable up to 28 months, and it is expected to start in **January 1st 2017**.

INSTITUTO
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The BGCT fellowship is within 980 to 1480 euros, depending on the experience of the candidate, 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:

Jose Bessa, PhD

Carla Lopes, PhD

Renata Freitas, PhD

Applications are open from December 21st to December 26th, 2016.

To apply for the BGCT Fellowship interested candidates must hold a MSc 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=Norte2020CANCER17>

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