Research Technician Fellowship (BTI)


We offer a position for a research technician (BTI) at the Center for Neuroscience and Cell Biology, University of Coimbra, Portugal. The technician will be working in the project “Regulation of the stability of the messenger RNA for the GluR1 subunit of glutamate receptors”, funded by the Portuguese Foundation for Science and Technology, and should have a University Degree (“Licenciatura”; pre-Bologna) in Biology, Biochemistry or similar (minimum average of 16 out of 20, or equivalent). Previous research experience in Cellular and Molecular Neuroscience is necessary, and candidates with experience in molecular biology, biochemistry and cellular biology methodologies will have an advantage. Specifically, experience in neuron cultures, organotypic slice cultures, quantitative fluorescence imaging analysis, purification of synaptic brain fractions and electrophysiology will be preferred. The position is for a period of three months, renewable, starting April 1, 2013. The monthly salary is 745 Euros, and work benefits are described in the Estatuto do Bolseiro de Investigação, Lei Nº 40/2004, August 18, 2004 (http://www.fct.mctes.pt/pt/apoios/bolsas/estatutodobolseiro/).

Job description:

The research technician to be hired will be involved in making primary cultures of hippocampal neurons and organotypic hippocampal slices, in using transfection techniques and lentiviral delivery systems to introduce genes of interest in cultured neurons, and in using immunocytochemistry and other imaging techniques. The technician will also contribute to biochemical studies to purify synaptic brain fractions and to isolate RNA binding proteins. Patch-clamp recordings in cultured hippocampal neurons will also be performed.

Required research experience: Previous research experience in Cellular and Molecular Neuroscience is necessary, and candidates with experience in molecular biology, biochemistry and cellular biology methodologies will have an advantage. Specifically, experience in neuron cultures, organotypic slice cultures, quantitative fluorescence imaging analysis, purification of synaptic brain fractions and electrophysiology will be preferred.
Applications should be sent from March 6th until March 22nd, 2013 to:

Ana Luisa Carvalho
Centro de Neurociências e Biologia Celular
Universidade de Coimbra
3004-517 Coimbra
Email: alc@cnc.uc.pt
Tel: 239 820190
Fax: 293 822776

The applications should include:

1) Curriculum vitae including list of publications and research experience;

2) Motivation letter stating reasons for applying to this position;

Selection:

The candidate selection will be made based on the analysis of the CV (50%) and of the research experience (50%) of the candidates.

The jury composition is the following:

Ana Luísa Carvalho, Ph.D.
Carlos B. Duarte, Ph.D.
Ramiro Almeida, Ph.D.