Post-doctoral Fellowship (BPD)

**Job/Fellowship Reference:** BPD:PTDC/NEU-NMC/1098/2012

**Job summary:** We offer a position for a Post-doctoral fellow (BPD) at the Center for Neuroscience and Cell Biology, University of Coimbra, Portugal. The Post-doctoral fellow will be working within the frame of the project entitled “Effects of the orexigenic peptide ghrelin on glutamatergic synaptic transmission”, funded by FCT/MEC (PIDDAC) código universal* do projeto QREN: FCOMP-01-0124-FEDER-029655 e co - financiado pelo Fundo Europeu de Desenvolvimento Regional (FEDER) através do COMPETE – Programa Operacional Factores de Competitividade (POFC), and should have a PhD in neuroscience. We are looking for highly motivated candidates, with an interest in synapse biology, and with previous research experience in Cellular and Molecular Neuroscience as well as in electrophysiology recordings from cultured neurons and brain slices. Specifically, candidates with experience in neuron cultures, organotypic slice cultures, lentiviral technology delivery systems, quantitative fluorescence imaging analysis, purification of synaptic brain fractions and electrophysiology will be preferred. Certification for animal experiments (DGAV licence) will be a factor of preference. The position is for a period of twelve months, renewable up to a period of 24 months, starting July 1st, 2013. The monthly salary is 1495 Euros, and work benefits described in the “Estatuto do Bolseiro de Investigação Científica, aprovado pela Lei nº 40/2004, de 18 de agosto, alterado e republicado pelo Decreto-Lei nº 202/2012, de 27 de agosto.”; Regulamento da Formação Avançada e Qualificação de Recursos Humanos 2012. ([http://www.fct.mctes.pt/pt/apoios/bolsas/estatutodobolseiro/](http://www.fct.mctes.pt/pt/apoios/bolsas/estatutodobolseiro/)).

**Job description:** The post-doctoral fellow 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 post-doctoral fellow will also contribute to biochemical studies and electrophysiology recordings in cultured neurons as well as in brain slices. Furthermore, the person to be hired is expected to actively participate in the experimental design, in the training of new lab members and to apply for funding.

Applications should be sent in the period between 4th and 18th June 2013 to:

Sandra Santos  
Centro de Neurociências e Biologia Celular  
Universidade de Coimbra  
3004-517 Coimbra  
Email: smdsantos@gmail.com  
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 (40%) and of the research experience (60%) of the candidates.

The jury composition is the following:

Dr. Sandra Santos, Ph.D.

Prof. Dr. Ana Luísa Carvalho, Ph.D.

Prof. Dr. Carlos B. Duarte, Ph.D.