

Research Laboratory Technician

RCN: RA26

Grade 3.24

Tenure: 30 November 2015

Staff Type: Assistant

Salary: £17,677 - £20,409

Charge Code: XBAG/165, RG58508

Advert Date: 25 May 2011

Close Date: 15 June 211

Interview Date: 21 June 2011

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Research Laboratory Technician

Applications are invited for a European Research Council (ERC)-funded research laboratory technician. The technician will work at the Cambridge Centre for Brain Repair and join the Pluchino Laboratory whose research includes the investigation of CNS protection using somatic stem cell-based therapies.

The general focus of the laboratory centres on the exploitation of the cellular and molecular mechanisms regulating the therapeutic plasticity of NPCs in complex CNS diseases such as multiple sclerosis, and spinal cord injury. Besides some classical experimental cell therapy approaches with pluripotent stem cell-derived precursors/progenitors, the lab is devoting special attention to the different modalities by which NPCs engage programs of horizontal cell-to-cell communication with cells in the microenvironment.

The laboratory is strategically located within the scientific environment of the Addenbrooke's hospital area. There are ample opportunities to interact with other laboratories with interests in regulation of gene expression and disease. The Division of Neuroscience has a strong emphasis on development of novel tools for brain and axonal regeneration using medical devices, gene vectors and stem cells.

The ideal candidate should possess solid experience cell culture techniques (standard propagation of cell lines and stem cells, freezing and waking-up cells stocks, cells infections, *in vitro* transformation assays and *in vivo* tumorigenic assays); flow cytometry, molecular biology techniques (PCR, RT-PCR, nucleic acids and protein extraction, retrotranscription, Western Blot analysis); immunofluorescence; viral vector production and titration.

Applicants should have good inter-personal and communication skills, strong organisation skills, as well as good knowledge of English.

Informal enquiries should be addressed to Dr Stefano Pluchino on spp24@cam.ac.uk

Further particulars of the role can be obtained by contacting Shannon Tinley on skt37@cam.ac.uk or downloaded from the vacancy page of our website: <http://www.brc.cam.ac.uk/>

Interested candidates should send a completed CHRIS/5 form (downloadable from <http://www.admin.cam.ac.uk/offices/hr/forms/chris5/>), a CV and the name and contact of at least two persons that can serve as reference, to Shannon Tinley via email: skt37@cam.ac.uk or sent to Shannon at The Cambridge Centre for Brain Repair, The ED Adrian Building, Forvie Site, Robinson Way, Cambridge, CB2 0PY

Only shortlisted candidates will be contacted.