‘MRC-funded Postdoctoral fellowship in Cellular Neuroscience’

3-Year Post-doc Imperial Level B Salary £37,970-£41,100 pa inclusive, London, UK

An exciting opportunity for a Postdoctoral Research Fellowship is available in the Laboratory of Synaptic plasticity and Repair of Imperial College London.

We use an interdisciplinary approach, combining advanced optical imaging methods, including multiphoton and superresolution microscopy, optogenetics and in vivo calcium imaging with electrophysiology and molecular genetics, to study the regulation of axon and synaptic connectivity in the adult neocortex, a brain region affected in numerous neurodevelopmental and degenerative diseases as well as acute injuries, which are incurable to date.

For more information visit our Imperial College London and personal www.DePaolaLab.com web pages.

Requirements for the position: PhD degree and strong publication record.

Required Expertise: Cellular and/or molecular neuroscience and mouse genetics. In vivo optogenetics, electrophysiology or calcium imaging experience will be an advantage.

We are looking for highly motivated and enthusiastic researchers with a strong interest in using cutting edge optical imaging and molecular genetic methods to advance our knowledge of how synaptic connectivity is regulated in both normal and neuropathological settings.

Applications, including CV, list of publications and statement of research interests should be sent to Dr. Vincenzo De Paola (v.depaola@lms.mrc.ac.uk). Applicants should arrange to have at least two confidential letters of reference sent by referees to this email address.