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 calcium imaging with electrophysiology and neuroanatomical reconstructions, to study the regulation of 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](http://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 work experience, optogenetics, electrophysiology, calcium imaging and/or behavioral analysis 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@csc.mrc.ac.uk). Applicants should arrange to have at least two confidential letters of reference sent by referees to this email address. Closing date for all completed applications is 28th October 2016, with interviews expected during the first two weeks of November 2016.

It is now widely accepted that deciphering the enigma of the brain is the most challenging intellectual endeavor of the 21st century, "The Century of the Brain" - Join our quest and become a friend of ELSC.

Studying at ELSC
Our Int'l Ph.D. program provides outstanding students with top-notch courses in computational neuroscience.

The Building
The Jerusalem Brain Sciences Building will provide a state-of-the-art research and teaching facility for the Edmond and Lily Safra Center for Brain Sciences.

ELSC Media Channel
Get into our media channel and investigate ELSC's latest videos: seminars, public lectures, courses and video articles.