



## Postdoctoral fellowship “The role of motor circuits in cognitive control”

We are seeking a candidate with a background in neuroscience, engineering, biophysics, or biology to work in the group of Dr. Marco Tripodi. This 3-years position, renewable to 5 years, combines the opportunity to pursue an exciting and challenging research project with the advantage of a long-term contract and a competitive salary.

The candidate should have a PhD in Neuroscience or a related discipline. The ideal candidate will have experience in either **imaging, electrophysiology or behavioural studies** in animal models and a strong interest in applying these methods to investigate the **relation between motor and cognitive control in rodents**.

Good programming skills (e.g. Python, R, C++, Matlab, Lab View) and experience with signal processing are essential. Candidates with a quantitative background and a strong interest in the topic who are willing to learn new methods, such as multiphoton imaging, are strongly invited to apply. Creative thinking and intellectual independence are paramount.

One of the main tasks of the candidate will be to characterize the contribution of canonical motor circuits to spatial cognition by interfacing imaging/electrophysiological methods with behavioural paradigms in mice. The project falls under the recently awarded ERC Consolidator grant entitled “**Kinetic Cognition**”.

A collaborative, open minded and friendly attitude is essential. The candidate is expected to work closely with other members of the lab offering support related to her/his field of competence to the ongoing research as well as conduct an independent research project.

The research will be conducted at the MRC Laboratory of Molecular Biology (LMB) in Cambridge, UK (<http://www2.mrc-lmb.cam.ac.uk>). The institute has a long history of excellence, and it is affiliated with the University of Cambridge.

Applications including a *curriculum vitae* with complete list of publications and a summary of current work should be addressed to Dr. M. Tripodi ([mtripodi@mrc-lmb.cam.ac.uk](mailto:mtripodi@mrc-lmb.cam.ac.uk)).

