



Call for applications for the assignment of 1 research fellowship grant for carrying out Category B research activities, as per Article 22 of Italian Law No. 240/2010, for the Scientific Disciplinary Sector of MED/26 – Neurology, at the facilities of the Centro Integrato di Ricerca (CIR - Integrated Research Centre) and of the Departmental Faculty of Medicine and Surgery of Università Campus Bio-Medico di Roma.

Call Code: ASS-RIC/10_23

Departmental Faculty	Medicine and Surgery
Research theme	Innovative techniques for the evaluation and the modulation of brain plasticity.
Brief description of the research	Plasticity is a key feature of the human brain and plays an essential role in memory and learning. Recent studies revealed that it is possible to modulate brain plasticity through non-invasive techniques. The candidate will study the mechanisms of action of the most recent non-invasive neuromodulation techniques (such as transcranial magnetic stimulation or TMS, transcranial electrical stimulation or tDCS, vagal stimulation or tVNS) by means of neurophysiological parameters (such as motor thresholds, motor evoked potential amplitude) and double-pulse protocols.
Scientific Supervisor	Prof. Vincenzo Di Lazzaro
Scientific Disciplinary Sector	MED/26 – Neurology
Language knowledge and skills	English B2
Date of the interview	17th November 2023, at 9:00 am Remote candidates on Microsoft Teams platform