Special Issue

Brain Stimulation Treatments for Memory Disorders

Message from the Guest Editors

Repetitive transcranial magnetic stimulation (rTMS) has emerged as a promising treatment for many brain and mental health conditions. While it has received approval for the treatment of some diseases, the efficacy of rTMS on mild cognitive impairment (MCI) remains unknown. The dorsolateral prefrontal cortex (DLPFC) is a primary target in brain research, with some favorable results having been found, but alternative targets and frequencies are proving to have strong potential for reducing cognitive loss. Comprehensive clinical and basic research is needed to fully explore the optimal parameters and biochemical pathways induced by rTMS. This Special Issue focuses on various studies related to rTMS as a treatment for MCI to gain insight into this potential treatment modality.

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