

Special Issue

Clinical Updates and Perspectives on Transcranial Magnetic Stimulation (TMS)

Message from the Guest Editor

Transcranial Magnetic Stimulation (TMS) has allowed us to learn a great deal about the motor system in humans both in healthy and in pathological conditions up to manipulate neural activities in a non-invasively view. TMS is a neurophysiological looking-glass for detect reorganization of brain circuitries in pathological conditions such as stroke, depression and brain neurodegenerative diseases. More recently new data revealed its capability to notice subclinical patterns in sleep disorders or metabolic disorders. This special issue will provide a collection of articles and overviews about current and future trends in TMS.

Potential topics:

New diagnostic strategies of TMS

New stimulators, devices and models to stimulate brain

Non-invasive neuromodulation and combined neurorehabilitation therapies in acute and chronic stroke

Actual and future role of TMS in behavior and psychiatric disorders

Neuroimaging and neurophysiological biomarkers of altered functional connectivity and synaptic transmission (investigated through MRI, EEG, transcranial magnetic stimulation)

Frontiers in farmaco-TMS

Food and brain stimulation

Safety, side-effects and risks management in the TMS laboratory

Guest Editor

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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