Special Issue

Transcranial Magnetic Stimulation (TMS): Applications in Clinical and Basic Neuroscience

Message from the Guest Editor

TMS represents one of the few techniques able to non-invasively assess and modulate neurophysiological function in human participants. While this technique was established within the motor domain, coregistration with other neuroimaging modalities (e.g., EEG, fMRI, etc.) now means that TMS is utilised within broad, multidisciplinary areas of both basic and clinical neuroscience. Consequently, TMS methodology and technology is continuously evolving, resulting in an ever-growing potential for applications with functional relevance. The aim of this Special Issue is therefore to highlight novel and developing areas of TMS application in both health and disease. Research focused on neuroplasticity and intracortical circuitry are particularly encouraged. Studies aiming to better understand the neurophysiological processes underpinning both conventional and emerging methodologies are also appreciated. We invite contributions in the form of review articles and original research pieces.

Guest Editor

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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