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

Guest Editor:

Dr. George Opie

Discipline of Physiology, Adelaide Medical School, The University of Adelaide, Adelaide, Australia

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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.



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Special Issue



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Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience,
University of Pittsburgh,
Pittsburgh, PA 15260, USA

Message from the Editor-in-Chief

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Brain Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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