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Transcranial Magnetic Stimulation: New Research

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Message from the Guest Editors

In the past few years, the relevance of non-invasive brain mapping techniques has increased in different neuroscientific fields and the impact of transcranial magnetic stimulation in this field has led to a multitude of publications in various areas. Transcranial magnetic stimulation is used in clinical setup and experimental research to investigate motor and speech function, as well as other higher cognitive functions such as calculation function, spatial working memory and cognition. Furthermore, publications using TMS on patients and healthy volunteers have provided insights into cortical language distribution and shown cortical reorganization and neuroplasticity, combining TMS with other neuroimaging techniques (e.g. fMRI, DTI).

The objective of this Special Issue is to investigate the newest advancements of TMS mapping techniques in various neuroscientific fields. Authors are encouraged to submit their work in the form of original research, review articles, and case reports, covering multimodal approaches, technical advances and particularly offline stimulation protocols in patients and healthy volunteers.

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Guest Editors



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Special Issue



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