



## Frontiers Research in Stroke: Cortical Biomarkers Based on the Combined Use of TMS and EEG

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Deadline for manuscript  
submissions:  
**closed (15 April 2022)**

### Message from the Guest Editor

In recent years, the use of transcranial magnetic stimulation (TMS) in combination with electroencephalography (EEG) has facilitated the investigation of cortical dynamics in the healthy and pathological brain. In stroke, the stimulation of specific areas of the affected or non-affected hemisphere, while recording EEG activity, can reveal cortical biomarkers in terms of abnormal connectivity or interhemispheric imbalance. These indexes can be useful to distinguish different grades of stroke severity and potentially could have a prognostic value for clinical recovery. This Special Issue of the *Journal of Personalized Medicine* aims to highlight the current state of the art in this field and show the latest findings in the field of stroke and TMS–EEG.

Dr. Elias Paolo Casula  
*Guest Editor*





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## Message from the Editor-in-Chief

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