

## Special Issue

# Application of Transcranial Direct Current Stimulation Based Methods in Neurological Diseases: New Advances and Perspectives

### Message from the Guest Editor

Transcranial direct current stimulation (tDCS) gained a renewed interest as a non-invasive brain stimulation method in health and disease. The therapeutic potential of tDCS is appealing to a wide range of patient populations as it provides a non-pharmacological approach with slight to no side effects, is inexpensive, and is easy to use even at home by patients—under supervision—with the potential of producing long after-effects when a suitable protocol is used. This Special Issue aims to present a collection of studies detailing the most recent advancements in the application of tDCS in neurological diseases. Authors are invited to submit cutting-edge research and reviews that address a broad range of topics related to the application of tDCS in patients with neurological diseases, including the following: the mechanism of action, how to choose the best tDCS parameters for different patient populations, the recommended dosage, new advances in targeting different areas in the brain, including deep areas in the brain, safety, using an augmentative treatment technique, targeting one area in the brain vs. several areas at the same time, and future perspectives.

### Guest Editor

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### Deadline for manuscript submissions

closed (15 June 2024)



## Brain Sciences

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Impact Factor 2.8  
CiteScore 5.6  
Indexed in PubMed



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## About the Journal

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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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