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

Guest Editor:

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Deadline for manuscript submissions:
closed (15 June 2024)

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.

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Message from the Editor-in-Chief

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