



The Future of Neurostimulation

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Message from the Guest Editor

The increasingly precise modulation of signal transduction at the neural level through external devices in both physiological and pathological settings has resulted on the one hand in the contribution of neurostimulation—whether magnetic or electrical—to improving our understanding of the mechanisms underlying, among others, neurodegeneration, hyperexcitability, altered states of consciousness, and sensorimotor control, in addition to the varying responses to medications. On the other hand, the refinement of health technologies has made it possible to more precisely tailor interventions according to the individual subject.

In this Special Issue we are soliciting works that illustrate the state-of-the-art of the most promising and powerful tools for the collection of real-world data, including wearable health technologies, portable devices or sensors, along with computational algorithms which overall contribute to fill the gap of knowledge of the long-term outcome of neurostimulation while providing an in-depth quantification of its effects in subjects' daily environments.





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Message from the Editor-in-Chief

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