Special Issue

Advances in Neurophysiology and the Treatment of Parkinson's Disease

Message from the Guest Editor

Numerous studies of levodopa treatment, neurophysiology, and neuroplasticity in Parkinson's disease (PD) have been conducted in recent years. However, the mechanisms underlying the pathophysiology of and neuroplasticity in PD remain largely unknown. This Special Issue aims to highlight recent advances in the evaluation of the synergistic effect between levodopa and motor learning on neurophysiological markers and neuroplasticity, especially in early PD. Topics of interest include the pharmacologic role of levodopa, the importance of neurophysiological markers as diagnostic tools for the disease, the application of motor learning strategies, and the multifactorial influence on neuroplasticity. We invite contributions that provide insights into novel observations on neurophysiological and treatment features with the aim of deeply understanding how to optimize diagnostic and therapeutic strategies for PD, especially at the early stage of the disease.

Guest Editor

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to Biomedicines, be it original research, review articles, or developing Special Issues of current key topics.

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