Special Issue

Recent Therapeutic Advances in Parkinson's Disease

Message from the Guest Editor

Parkinson's disease (PD) is a progressive neurological disorder associated with a number of motor, cognitive and psychomotor symptoms. Medication is primarily used as the current treatment to modify neurotransmitters and treat symptoms. The gold standard for PD treatment is dopamine replacement therapy with levodopa. Nevertheless, the treatment for PD is aimed at improving symptoms and cannot slow the progression of the disease. New laboratory medicine research, translation medicinal research, and preclinical studies are providing new directions for treating this disease. The understanding of the mechanism of PD and the development of treatments that influence the fundamental pathology of the condition are advancing. This Special Issue aims to assemble high-quality original articles and reviews on the current treatments and recent therapeutic developments in PD and related disorders.

Guest Editor

Dr. Chieh-Sen Chuang

Department of Neurology, Changhua Christian Hospital, Changhua 50006, Taiwan

Deadline for manuscript submissions

31 December 2025



an Open Access Journal by MDPI

Impact Factor 3.9 CiteScore 6.8 Indexed in PubMed



mdpi.com/si/181340

Biomedicines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomedicines@mdpi.com

mdpi.com/journal/biomedicines





an Open Access Journal by MDPI

Impact Factor 3.9 CiteScore 6.8 Indexed in PubMed





About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access iournal 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.

Editor-in-Chief

Prof. Dr. Felipe Fregni

- Neuromodulation Center and Center for Clinical Research Learning, Spaulding Rehabilitation Hospital and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02114, USA
- 2. Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA 02115, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).