Special Issue

Cell Signaling and Molecular Regulation in Neurodegenerative Disease

Message from the Guest Editor

Dear colleagues, Our Special Issue aims to investigate the progression and inhibition of neurodegenerative diseases, particularly focusing on pathogenic mechanisms and gene regulation. The scope includes Alzheimer's disease, Parkinson's disease, amyotrophic lateral sclerosis and other related diseases. We encourage all neuroscientists and researchers from related fields to submit their articles for this Special Issue. We hope that this Special Issue will serve as a guideline for understanding pathogenic mechanisms and identifying therapeutic targets for treating neurodegenerative diseases.

Guest Editor

Dr. Shao-Ming Wang

- 1. Graduate Institute of Biomedical Sciences, China Medical University, Taichung 404333, Taiwan
- 2. Neuroscience and Brain Disease Center, China Medical University, Taichung 404333, Taiwan

Deadline for manuscript submissions

31 October 2025



an Open Access Journal by MDPI

Impact Factor 3.9 CiteScore 6.8 Indexed in PubMed



mdpi.com/si/212138

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).