

Special Issue

Multidisciplinary Approaches to Neurodegenerative Disorders

Message from the Guest Editor

This Special Issue explores innovative multidisciplinary approaches to understanding, diagnosing, and treating neurodegenerative disorders. As these complex conditions continue to pose significant global health challenges, integration across disciplines has become essential for meaningful progress. Particular emphasis will be placed on translational research connecting fundamental molecular mechanisms to clinical applications, personalized medicine approaches, and cutting-edge interventions, including gene therapy, stem cell applications, and AI-driven diagnostic tools. We especially encourage submissions addressing how comorbidity patterns inform disease classification and treatment strategies, and how understanding metabolic signatures, particularly lipid profiles, can advance biomarker development and therapeutic targeting. By showcasing diverse perspectives and collaborative frameworks, this Special Issue aims to catalyze new directions in neurodegenerative disease research and accelerate the development of effective interventions for conditions such as Alzheimer's, Parkinson's, ALS, and related disorders.

Guest Editor

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About the Journal

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.

Editor-in-Chief

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