

Special Issue

Advanced Research in Neuroprotection

Message from the Guest Editors

Despite their privileged nature, the central and peripheral nervous systems may suffer injury and are vulnerable to immune attacks. Neuroinflammatory manifestations accompany alterations to the microenvironment, which may lead to neuronal dysregulation and the appearance of neurological disorders. Despite the distinct entity of each nervous system disease, they share common pathological traits, such as biochemical damage, oxidative stress, axonal loss, and neuronal death, thus revealing the essential role of neuroprotective pathways in ensuring neuronal homeostasis and longevity. Breakthroughs in the field of drug design and neuropharmacology along with the latest progress in animal and human models have shown the utility of translational medicine, advocating for more appropriate strategies and pharmacologic agents that can mediate the task of neuroprotection. This Special Issue, entitled “Advanced Research in Neuroprotection”, invites original research articles, short reports, and reviews that will expertly present recent advances in both experimental and clinical knowledge of neuroprotective mechanisms and strategies within various neurological disorders.

Guest Editors

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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.

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