

Special Issue

Mechanisms and Therapeutic Strategies of Brain and Spinal Cord Injury

Message from the Guest Editors

Brain and spinal cord injuries are devastating conditions that can lead to serious long-term disability or even death. Understanding the mechanisms behind these injuries and developing effective therapeutic strategies is crucial to improving outcomes for affected individuals. These injuries involve complex primary and secondary injury mechanisms that require multifaceted therapeutic strategies. Advances in surgical techniques, pharmacotherapy, rehabilitation, and experimental treatments hold promise for improving the quality of life of those affected. Ongoing research into innovative therapies such as neuroprotectants, stem cells, gene therapy, invasive and non-invasive neuromodulation techniques, and biomaterials continues to provide hope for more effective treatments in the future.

Guest Editors

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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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