

Special Issue

Emerging Therapeutic Strategies for Epilepsy: Bridging Research and Clinical Practice

Message from the Guest Editor

This Special Issue is focused on advancing novel therapeutic strategies specifically for the treatment of epilepsy, a neurological disorder that remains a significant medical challenge.

We invite leading researchers and clinicians to explore breakthroughs in epilepsy treatment, including the development of novel antiseizure medications, gene therapies, and innovative techniques such as neurostimulation. The issue will highlight emerging therapeutic approaches, such as precision medicine and neuroprotective agents, which offer potential for modifying the course of the disease rather than symptomatic relief.

By addressing key mechanisms such as neuronal hyperexcitability, synaptic dysfunction, and neuroinflammation, this issue seeks to advance our understanding of epileptogenesis and novel treatment strategies. The collection aims to inspire new research directions and foster hope for improved management and care for individuals living with epilepsy.

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.

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