

Special Issue

Neuropathic Pain: From Mechanisms to Therapeutic Approaches

Message from the Guest Editor

Neuropathic pain is caused by a lesion or disease of the somatosensory nervous system. It results from maladaptive changes that can occur in injured sensory neurons and along the entire nociceptive pathway within the central nervous system. It usually manifests as spontaneous shooting or burning pain and is often accompanied by hyperalgesia and allodynia; however, the mechanisms and symptoms are extremely complex and multifactorial. Neuropathic pain has a significant impact on quality of life, including social relationships, daily activities, and work productivity, and thus represents a great socioeconomic burden on society. The treatment of neuropathic pain is very difficult; only a minority of people experience clinically relevant benefits from a single interventions. A multidisciplinary approach is now advocated, with pharmacological interventions combined with physical or psychological interventions and interventional or surgical treatments. The purpose of this Special Issue is to improve our understanding of the pathophysiology of neuropathic pain, as well as to present an update on possible treatment modalities.

Guest Editor

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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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