

Special Issue

The Pathophysiology of Peripheral Nerve Injuries

Message from the Guest Editor

Peripheral neuropathies comprise a group of disorders that severely damage peripheral nerve function and affect approximately 2.4 percent of the population. These disorders originate from a variety of factors including genetic, metabolic, systemic, and toxic causes, which drive the dysfunction of motor, sensory, and autonomic nerve fibers. Peripheral nerve dysfunction results mainly from axonal degeneration, demyelination, or a combination of both. Deciphering the cellular and molecular mechanisms underlying peripheral neuropathies is critical not only to increasing the knowledge of the pathogenesis of these diseases but also for the development of therapeutic interventions. Sharing the up-to-date research on peripheral neuropathies at the cell and molecular level, including the methodological and translational aspects, is of specific relevance to this issue. This open-access Special Issue, consisting of original research and review articles, provides an opportunity for researchers in the field to share their research on the pathophysiology of peripheral neuropathies with broad coverage of aspects ranging from cell biology to a translational level.

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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