

Special Issue

Molecular Mechanisms and Pathophysiology of Peripheral Neuropathies and Neuromuscular Disorders

Message from the Guest Editor

Recent advances in molecular biology and omics sciences are revolutionizing our understanding of neuromuscular disorders and peripheral neuropathies. These tools are allowing us to unravel complex disease mechanisms, improving our ability to diagnose and monitor these conditions, and opening new avenues for targeted and personalized therapies. This Special Issue aims to gather high-quality original research and comprehensive reviews that explore the molecular and pathophysiological underpinnings of a wide range of conditions. These include common and rare disorders such as diabetic, autoimmune, and hereditary neuropathies, small fiber neuropathies, peripheral neuropathic pain, myasthenia gravis and other myasthenic syndromes. We welcome contributions that investigate novel diagnostic, prognostic, and therapeutic targets using innovative approaches and technologies. Studies focusing on next-generation biomarkers, pathogenic pathways, and personalized medicine strategies with the potential to refine therapeutic interventions are especially encouraged.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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