

Special Issue

Advances in Research on Motor Deficits Caused by Neurological Disorders: From Mechanism to Treatment

Message from the Guest Editors

Motor deficits result from damage to motor skills due to various neurological disorders, including traumatic brain and spinal cord injuries, stroke, neurodegenerative diseases, and peripheral nerve injuries. These conditions significantly contribute to global mortality and present a wide range of symptoms, from complete paralysis to mild muscle weakness. The primary goal of managing motor deficits is to enhance motor skills, alleviate symptoms, and reintegrate individuals into their daily lives. However, effective treatments are hindered by a limited understanding of the underlying mechanisms and the complexity of different injuries, complicating accurate diagnosis and treatment plans. This Special Issue aims to deepen the understanding of these mechanisms by presenting updated preclinical and clinical research. Contributions are encouraged on new methods for evaluating and treating motor deficits across various neurological disorders. The knowledge gathered here seeks to establish guidelines for the rehabilitation of patients facing motor function challenges due to neurological conditions.

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