



Molecular Study and Treatment of Motor Neuron Diseases

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Message from the Guest Editors

Motor neuron diseases (MNDs) are a group of progressive neurological disorders in which motor neurons undergo degeneration and death. It includes diseases such as amyotrophic lateral sclerosis (ALS), progressive bulbar palsy (PBP), primary lateral sclerosis (PLS), progressive muscular atrophy (PMA), spinal muscular atrophy (SMA), spinal and bulbar muscular atrophy (SBMA), and post-polio syndrome.

Although recent progress in neurochemical, physiological, genetic investigations has led to the identification of several cellular processes that seem to be involved in the motor neuronal degeneration, certain questions about the pathogenic mechanisms of MNDs remain unknown. Comprehension of these underlying mechanisms is of paramount importance because it can play a crucial role in the research and development of novel therapeutic strategies.

This Special Issue invites submissions of original papers and review articles that highlight the latest discoveries and advancements in the field of pathophysiological mechanisms, biomarker research and novel therapeutic targets in MND.





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