

Special Issue

Molecular Genetics and Pathogenesis of Motor Neuron Disease

Message from the Guest Editor

Motor neuron disease is a debilitating disorder for which effective therapeutics have been elusive for centuries. Research advancements, particularly those supported by evolving technologies, such as DNA, RNA, and protein omics, have gradually culminated clinically effective treatments, as exemplified by Onasemnogene abeparvovec, which targets spinal muscular atrophy. While further advances are anticipated, satisfactory therapies remain unavailable. To promote research that is crucial for therapeutic development in motor neuron disease, this Special Issue will consist of a collection of original research and comprehensive review articles focusing on molecular genetics and analyses of motor neuron disease at the molecular, cellular, and phenotypic levels. These articles will aim not only to reaffirm the recent research progress for scholars already engaged in motor neuron disease but also to ignite interest among researchers not yet involved in this field, providing fresh insights into this disorder.

Guest Editor

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

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