

Special Issue

Latest Biological Advances in Neuromuscular Diseases

Message from the Guest Editor

Neuromuscular diseases are those that involve motor neurons, peripheral nerves, the neuromuscular junction, or skeletal muscle. New advancements in sequencing technologies have led to the discovery of novel genetic variants contributing to neuromuscular diseases. This has had a huge impact on field, strengthening our understanding of the mechanisms that mediate neuromuscular diseases and leading to emerging therapeutic options. This Special Issue, entitled “Latest Biological Advances in Neuromuscular Diseases”, invites original research articles and reviews that cover all aspects of neuromuscular disease, from the discovery of gene variants that cause novel disease to a model organism investigation on disease mechanisms. Short communications of preliminary, but significant, results will also be considered. This Special Issue also welcomes contributions focused on new biocomputational approaches for mining big datasets, neurophysiological and molecular studies delving into disease mechanisms triggered by genetic variants, and manipulations of gene dosage or function as a therapeutic avenue in neuromuscular disease.

Guest Editor

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Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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