

Special Issue

Diagnosis, Pathogenesis and Treatment of Muscular Dystrophy

Message from the Guest Editor

The purpose of this Special Issue, “Diagnosis, Pathogenesis and Treatment of Muscular Dystrophy”, is to publish research and review articles that address the topic of Muscular Dystrophies (MDs) from different points of view. Authors are invited to contribute to this Special Issue with studies that explore the biochemical mechanisms leading to the degeneration of skeletal muscle and to metabolic dysfunction, which is often associated to several forms of MD. Particularly welcome are articles that pave the way for the development of therapeutic interventions that aim to restore the normal muscle phenotype and function. This Special Issue will also offer insight into innovative diagnostic tools, including the identification of new molecular markers, which is useful for an early and non-invasive diagnosis. Potential topics include, but are not limited to:

- Skeletal muscle tissue regeneration, homeostasis and repair;
- Metabolic dysfunctions in muscular dystrophy;
- Autophagy/mitophagy in muscular dystrophy;
- The development of therapeutic protocols for muscular dystrophy;
- Biomarkers in muscular dystrophy.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2025)



Biomedicines

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Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/160047

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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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