



## Pathogenic Mechanisms of Muscle Diseases

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### **Message from the Guest Editors**

Muscle diseases comprise a heterogeneous group of inherited or acquired conditions that affect the muscular system. Although individually rare, these disorders collectively afflict millions of people worldwide. Although significant progress has been made in the identification of causative genes and mutations, the pathogenesis and basic mechanisms of several of muscle diseases remain to be fully elucidated. Muscle biopsy from patients, primary human skeletal muscle tissue cultures, and disease modeling in different organisms have turned out to be powerful and valuable tools to dissect the complex pathophysiology of such diseases, with the ultimate goal of developing novel therapeutic targets.

This Special Issue will focus on studies exploring the cellular and molecular mechanisms underpinning primary muscle diseases, both genetic and acquired, by using in vitro and in vivo experimental models as well as patient-derived material. Original research articles, mini and full reviews, short communications, perspectives, and commentaries are welcome.





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## Message from the Editor-in-Chief

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