

Special Issue

Skeletal Muscle Fiber Phenotype as Determinant of Metabolism and Function in Health and Disease

Message from the Guest Editors

In addition to maintaining body posture and mobility, skeletal muscle affects the efficacy of daily physical activities, athletic performance, and overall health. Thus, skeletal muscle fiber types play a crucial role in both health and disease in determining muscle function and metabolism. Understanding the molecular, cellular, and physiological characteristics of skeletal muscle fibers and their distribution in muscle is crucial for advancing our understanding of muscle-related disorders and devising targeted therapeutics. This Special Issue aims to compile the most recent research and developments that investigate various aspects of skeletal muscle fibers, their regulation, and their implications for health and disease states, and to provide a forum for researchers and academics to share their insights and discoveries. We invite original research articles, reviews, meta-analyses, and case studies that explore various aspects of fibers in skeletal muscle.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Editor-in-Chief

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