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Feature Studies in Skeletal Muscle Physiology

Guest Editor:

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Deadline for manuscript submissions:

closed (22 September 2023)

Message from the Guest Editor

Dear Colleagues,

Over the decades, the research on skeletal muscle physiology has revealed the remarkable complexity in the structure and function of this tissue. Indeed, skeletal muscle displays a complex hierarchical structure that is highly innervated and vascularized. Moreover, skeletal muscles are involved in several physiological processes, including thermogenesis, metabolism, and the production of peptides (myokines) that regulate the activities of other tissues and organs. However, several aspects related to the cellular and molecular mechanisms underlying skeletal muscle functions are currently far from being fully elucidated.

This Special Issue aims to present recent findings on the structural and functional features of skeletal muscle, starting from muscle tissue development (myogenesis) to age-related loss in skeletal muscle mass and strength (i.e., sarcopenia). It is our pleasure to invite you to submit review articles and high-quality original papers using a wide range of techniques and/or experimental approaches to highlight advances in the field of skeletal muscle physiology

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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