

Special Issue

Molecular Mechanism and Pathogenesis of Sarcopenia

Message from the Guest Editors

Sarcopenia, the progressive age-related loss of skeletal muscle mass and strength/function during aging, increases the risk of a vast array of adverse health outcomes, including falls, morbidity, loss of independence, disability, and mortality. Several processes and mechanisms have been indicated as contributors to age-related muscle tissue disruption. These include altered hormonal status, chronic inflammation, redox imbalance, loss of α -motor neurons, muscular mitochondrial dysfunction, altered myocyte autophagy, accelerated apoptosis of myonuclei, and impaired satellite cell function. This Special Issue is intended to bring together basic researchers and clinicians working in the area of sarcopenia in human and animal models to gain insights into molecular mechanisms involved in the pathophysiology of sarcopenia. The ultimate aims of this Special Issue are to shed light on biological targets for interventions against sarcopenia and to identify novel biomarkers for the condition. We therefore invite you to submit your latest original research or review articles on sarcopenia to this Special Issue.

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