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New Mechanism and Insights into Sarcopenia

Guest Editor:

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Message from the Guest Editor

Sarcopenia is defined as loss of muscle mass and function and is prevalent in the geriatric population. Sarcopenia is linked to many unfavorable clinical outcomes, such as dementia, depression, increased mortality, and longer hospitalization. The pathophysiology of sarcopenia is multifactorial, comprising improper nutrition support, lack of physical activities, and chronic inflammation. The benefits of exercise training and nutrition supplementation for reversing sarcopenia have been reported by the existing literature. Recently, the abnormal findings in the cellular metabolism in the sarcopenic population were also unveiled. There are studies showing that sarcopenia is associated with a shorted telomere and an increased expression of repeat-containing RNA (TERRA). In this Special Issue, we welcome all relevant original and review articles, but of particular interest are the pathogenesis, cellular abnormalities, clinical nutrition, and associated comorbidities related to sarcopenia.



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Special Issue



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Message from the Editor-in-Chief

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