

Special Issue

Progress and Future Directions on Physical Activity and Skeletal Muscle Research in Chronic Kidney Disease

Message from the Guest Editor

Chronic kidney disease (CKD) is associated with a high risk of morbidity and mortality. CKD patients often report fatigue, muscle weakness, and pain. Reductions in muscle strength and related levels of physical capacity are observed already in the early stages of the disease. The mechanism of these changes can be primary, caused by myopathy or uremic sarcopenia, as well as secondary, as a result of several factors: comorbidities, lifestyle, and age-related sarcopenia and frailty. These factors strongly impair patients' levels of physical activity, daily functioning, and quality of life, leading to an excessively sedentary lifestyle and increased CVD risk. Thus, it is very important to understand these pathological mechanisms and to establish significant interventions regarding the improvement of physical function and reduction of risk factors. We would love to invite you to submit original research articles and reviews that focus on, but are not limited to, innovative and important findings that provide a comprehensive molecular mechanism for physical activity and skeletal muscle research in chronic kidney disease.

Guest Editor

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