

Special Issue

Women's Special Issue Series: Regulation of Skeletal Muscle Function in Health and Disease

Message from the Guest Editors

Skeletal muscle provides the mechanical power for locomotion, posture, and breathing, making it essential to life. The loss of skeletal muscle function in elderly populations and patients with chronic diseases is a major cause of falls, morbidity, and mortality. This Special Issue, entitled "Regulation of Skeletal Muscle Function in Health and Disease", is part of the "Women's Special Issue Series." It aims to promote, support, and encourage the contributions of women to research focusing on the regulation of muscle mass, muscle function, muscle metabolism, and related topics. Both original articles and reviews addressing all aspects of muscle structure and function are welcome, from the most basic molecular mechanisms to the development of clinical tools to evaluate muscle function, whether in physiological or pathological conditions at all ages and all populations. We welcome submissions to this Special Issue from all authors, irrespective of gender.

Guest Editors

Prof. Dr. Louise Deldicque
Dr. Tatiana Kostrominova
Dr. Jamie I. Baum

Deadline for manuscript submissions

closed (31 March 2025)



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About the Journal

Message from the Editor-in-Chief

Muscles is a publishing platform that promotes discoveries related to the realm of neuromuscular disorders (genetic and acquired neuromuscular disorders in man) and relevant cell and animal models. The journal aims to be a publishing venue that disseminates scientific papers with emphasis on multidisciplinary approaches to understand the complexities and interactions occurring on a variety of metabolic, endocrinological and neurogenic disorders. Papers on sarcopenia, exercise and atrophy/hypertrophy of muscles will be given space and attention, as will clinical trials and possible pharmacological interventions. A rapid turnaround time and full open access provide the opportunity to make research results immediately available to scientific communities and the general public.

Editor-in-Chief

Prof. Dr. Corrado Angelini
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