

Special Issue

Skeletal Muscle Mechanics

Message from the Guest Editor

Dear Colleagues, The Special issue "Skeletal Muscle Mechanics" in the Journal of Functional Morphology and Kinesiology endeavors to elucidate the intricate and dynamic principles governing the functionality of skeletal muscles. It aims to conduct a thorough exploration of the structural and functional facets of skeletal muscles, spanning from the molecular and cellular levels to tissue and complete muscle structures. This distinctive publication seeks to illuminate the mechanical foundations of muscle contraction, force production, and energy metabolism, along with the adaptive reactions of skeletal muscles to physical exercise, inactivity, and the aging process. Moreover, it will delve into the utilization of advanced biomechanical and imaging methodologies to investigate muscle mechanics in both healthy and pathological conditions, with a specific emphasis on comprehending the implications for rehabilitation, athletic performance, and clinical interventions.

Guest Editor

Prof. Dr. Walter Herzog
Faculty of Kinesiology, University of Calgary, 2500 University Dr. NW,
Calgary, AB T2N 1N4, Canada

Deadline for manuscript submissions

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jfmk@mdpi.com

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Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Giuseppe Musumeci
Department of Biomedical and Biotechnological Sciences, Anatomy,
Histology and Movement Sciences Section, School of Medicine,
University of Catania, 95123 Catania, Italy

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