

Special Issue

Nutrition and Exercise Interventions on Skeletal Muscle Physiology, Injury and Recovery: From Mechanisms to Therapy

Message from the Guest Editors

The present Special Issue aims to join efforts towards the comprehension of the effects of nutrition and physical exercise on skeletal muscle physiology, injury, and recovery, using different experimental models (cells, animals, and humans) in both healthy and pathological conditions. Of particular interest, studies addressing cellular and molecular mechanisms involved in these processes, including energy metabolism, inflammatory pathways, oxidative stress regulation, mitochondrial function alteration, and gene expression control are welcome. We also welcome papers targeting the identification of cellular and molecular targets of nutritional interventions and physical exercise for the treatment and/or prevention of skeletal muscle injury and recovery.

Guest Editors

Prof. Dr. Sandro Massao Hirabara
Dr. Gabriel Nasri Marzuca Nassr
Prof. Dr. Maria Fernanda Cury Boaventura

Deadline for manuscript submissions

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About the Journal

Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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