







an Open Access Journal by MDPI

Exercise and Nutrition Interventions for Improving Musculoskeletal Health in Older Adults

Guest Editors:

Dr. Luana Toniolo

Laboratory of Muscle Biophysics, Department of Biomedical Sciences, University of Padova, 35131 Padova, Italy

Dr. Emiliana Giacomello

Department of Medical, Surgical and Health Sciences, University of Trieste, 34149 Trieste, Italy

Deadline for manuscript submissions:

25 September 2024

Message from the Guest Editors

The musculoskeletal system, which is responsible for locomotion and movement, also plays a fundamental role in the regulation of whole-body metabolism.

Physical exercise and nutrition are important factors in the development and maintenance of the musculoskeletal system. For this reason, in present times, they are considered as targets for the maintenance of a healthy equilibrium and to overcome the effects of aging.

This Special Issue intends to expand the knowledge on the role of physical exercise and nutritional interventions to promote the healthy aging of the musculoskeletal system and its implications on the quality of life of aged persons.

The present Special Issue aims at collecting reviews, regular research papers, and short communications, providing novel insights on the importance of physical exercise and nutritional interventions in human or animal studies that have relevance to human health.













an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Lluis Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain 2. Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain 3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI),

Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peerreview 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.

Prof. Dr. Maria Luz Fernandez

Canarian Health Service, 35016

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269,

Author Benefits

Las Palmas, Spain

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (*Nutrition & Dietetics*) / CiteScore - Q1 (*Nutrition and Dietetics*)

Contact Us