

# Special Issue

## Diet and Muscle Metabolism

### Message from the Guest Editors

Advancing age is associated with a progressive decline in muscle mass and function, so-called “sarcopenia”, leading to a broad spectrum of adverse outcomes. Despite sarcopenia being a typical condition of old age, it can occur earlier in life in association with a range of conditions. At present, there are no approved pharmacological treatments to counteract the muscle decline. The main strategies to prevent and manage the condition are based on lifestyle interventions. It is thus pivotal to better characterize the factors contributing to the condition as well as to identify novel targets of intervention. This Special Issue, entitled “Diet and Muscle Metabolism”, will include observational and experimental studies as well as full-length and short reviews and meta-analyses focused on skeletal muscle metabolism. Broadly, the Special Issue aims at: 1) providing an overview of the state of the art in the field; 2) exploring the possible biological mechanisms underlying muscle abnormalities; and 3) enhancing our current understanding regarding potential areas of interventions.

### Guest Editors

Dr. Domenico Azzolino  
Dr. Riccardo Calvani  
Dr. Gianturco Vincenzo

### Deadline for manuscript submissions

closed (5 May 2024)



## Nutrients

an Open Access Journal  
by MDPI

Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



[mdpi.com/si/161766](https://mdpi.com/si/161766)

*Nutrients*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[nutrients@mdpi.com](mailto:nutrients@mdpi.com)

[mdpi.com/journal/  
nutrients](https://mdpi.com/journal/nutrients)





# Nutrients

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



[mdpi.com/journal/  
nutrients](https://mdpi.com/journal/nutrients)



## 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.

---

### Editors-in-Chief

Prof. Dr. Lluís 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), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

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

---

### Author Benefits

#### 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 and Dietetics) / CiteScore - Q1 (Nutrition and Dietetics)