

## Special Issue

# Malnutrition, Acute Sarcopenia and Wasting Syndromes during Hospital Stay

### Message from the Guest Editor

It has recently become evident that the preservation of muscle health and functional status during hospital stay would be of paramount importance for older people. In this vulnerable population, hospitalizations represent major risks for adverse outcomes. Despite acute disease resolution, more than half of older people do not recover preadmission functional levels, even 1 year after hospital discharge. Moreover, their risk of novel disabilities, institutionalization and death increases after hospital discharge. Poor patient mobility is one of the main causes of the development of nosocomial-related disability. Bedrest can induce skeletal muscle loss both in young and (to a greater extent) older individuals. In addition, inflammation, immune–endocrine dysregulations and reduced caloric intake further concur to acute muscle insufficiency during hospital stay. Few studies have evaluated acute sarcopenia thus far, mechanisms underpinning acute sarcopenia, its long-term consequences, screening and treatments have not yet been completely clarified, and further research on this topic is needed.

---

### Guest Editor

Dr. Sarah Damanti

1. Internal Medicine Unit, IRCCS San Raffaele Scientific Institute, 20132 Milan, Italy
2. Division of Immunology, Transplantation and Infectious Diseases, Vita-Salute San Raffaele University, 20100 Milan, Italy

---

### Deadline for manuscript submissions

closed (15 November 2024)



## Nutrients

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.8  
CiteScore 9.2  
Indexed in PubMed



[mdpi.com/si/183009](https://mdpi.com/si/183009)

*Nutrients*

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 4.8  
CiteScore 9.2  
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 (Food Science)