

## Special Issue

# Regulation of Feeding, Metabolism and Aging by Diets, Oriental and Western Medicines

### Message from the Guest Editor

Obesity and type 2 diabetes are serious worldwide health problems, and major risk factors for cardiovascular and cerebral diseases, as well as several kinds of cancer. In addition, in modern societies, subjects with sarcopenia and/or frailty are rapidly increasing. All these diseases largely influence aging and life span. However, few effective and safe medicines are available to treat obesity, sarcopenia and/or frailty. Since these are lifestyle-related diseases with a complex range of symptoms, managing these diseases with diets and herbal medicines (oriental medicines) is a promising route of intervention. Obesity, frailty, type 2 diabetes and sarcopenia are caused and/or influenced by the imbalance of energy intake and expenditure, in which the dysregulation of feeding behavior plays a key role. In this Special Issue, we welcome manuscripts that aim to clarify dysregulated metabolism and feeding behavior in obesity, type 2 diabetes, sarcopenia, frailty and aging, and that explore how diets and oriental medicines, as well as Western medicines, prevent and/or treat these diseases. We welcome both original research and reviews.

### Guest Editor

Prof. Dr. Toshihiko Yada

1. Center for Integrative Physiology, Kansai Electric Power Medical Research Institute, Osaka 553-0003, Japan
2. Department of Diabetes, Endocrinology and Metabolism, Gifu University Graduate School of Medicine, 2N12(2N18), Yanagido, Gifu 501-1194, Japan

### Deadline for manuscript submissions

closed (15 August 2024)



## Nutrients

an Open Access Journal  
by MDPI

Impact Factor 5.8  
CiteScore 10.2  
Indexed in PubMed



[mdpi.com/si/144594](https://mdpi.com/si/144594)

*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 5.8  
CiteScore 10.2  
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 (Nutrition and Dietetics)