

## Special Issue

# The Influence of Prebiotics and Probiotics on the Microbiome

### Message from the Guest Editors

The role of the microbiome in health has received substantial scientific and public attention in the recent years. The modification of the microbiome by pre and/or probiotics may be a significant opportunity to improve health. Further, the marketplace is filled with new prebiotic and probiotic products claiming a variety of health promoting properties. Regulation of these products is minimal and many of these products may, or may not, have significant health promoting properties. This Topical Collection of *Nutrients* seeks new scientific evidence that addresses health concerns and opportunities related to modifications of the microbiome. We seek rigorously designed and controlled studies that evaluate the influence of pre and/or probiotics on the microbiome. Our goal is to provide a stronger base of scientific information for the consumer, and professionals who advise them on diet. Both professionals and consumers are undoubtedly confused about the value and risks of pre and probiotics in the diet due to limited science behind many of the claims.

---

### Guest Editors

Prof. Dr. Dennis Savaiano

Department of Nutrition Science, College of Health and Human Sciences, Purdue University, West Lafayette, IN 47906, USA

Dr. Tzu-Wen Cross

Department of Nutrition Science, Purdue University, West Lafayette, IN 47907, USA

---

### Deadline for manuscript submissions

closed (20 February 2024)



## Nutrients

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



[mdpi.com/si/130037](https://mdpi.com/si/130037)

*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)