

## Special Issue

# The Influence of Prebiotics and Probiotics on the Microbiome—2nd Edition

### Message from the Guest Editors

This Special Issue seeks new scientific evidence that addresses health concerns and opportunities related to the modifications of the microbiome. We seek rigorously designed and controlled studies that evaluate the influence of prebiotics 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 prebiotics and probiotics present in the diet due to the limited scientific bases behind many of the claims. We continue to observe significant interest in the ability of prebiotics and probiotics to alter the intestinal microbiome, with the goal of improved health. Research in this area has incredible potential to affect metabolic disease, inflammatory responses, nutrient availability, and a wide range of additional health challenges. We seek well-designed trials that evaluate the roles of prebiotics, probiotics, and their combinations in affecting a variety of health risks.

### 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 (25 October 2024)



## Nutrients

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



[mdpi.com/si/197551](https://mdpi.com/si/197551)

*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 (UIBS), 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)