

## Special Issue

# Nutritional Management and Intervention for Breast Cancer

### Message from the Guest Editor

This Special Issue seeks to highlight advances in **personalized dietary interventions, nutrigenomics, nutritional biomarkers, gut microbiome and metabolomics-driven approaches** that can enhance prevention strategies, improve treatment outcomes, and reduce the risk of recurrence. We encourage submissions that address how nutritional science can be tailored to specific subtypes of breast cancer, hormonal status, and patient profiles across diverse populations. **The scope of this Special Issue includes, but is not limited to, the following topics:**

- Nutrigenomics and nutrigenetics in breast cancer susceptibility and progression;
- Dietary modulation of the tumor microenvironment;
- Role of specific nutrients, phytochemicals, and dietary patterns in breast cancer prevention;
- Interactions between diet, the gut microbiome, and immune response in breast cancer patients;
- Precision nutrition in survivorship and quality of life improvement;
- Clinical trials and translational studies on nutritional interventions;
- Nutrition-guided management of treatment side effects;
- Integrating digital tools and AI for personalized dietary planning in oncology.

---

### Guest Editor

Dr. Yuanyuan Li

Department of Nutrition and Food Science, University of Maryland, College Park, MD 20742, USA

---

### Deadline for manuscript submissions

15 October 2026



## Nutrients

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



[mdpi.com/si/249088](https://mdpi.com/si/249088)

*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)