

## 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

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### Deadline for manuscript submissions

25 February 2026



## Nutrients

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## 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.

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