

Special Issue

Maternal and Infant Health: Optimum Nutrition Strategies

Message from the Guest Editor

The Special Issue on “Maternal and Infant Health: Optimum Nutrition Strategies” will highlight the critical role of nutrition in shaping health outcomes in both mothers and infants. From conception through infancy, maternal nutrition profoundly impacts fetal development, birth outcomes, and the long-term health of the child, including the risk of obesity and metabolic disorders, as well as cognitive development. This Special Issue will explore the latest research on optimal dietary interventions, micronutrient supplementation, and the role of emerging nutritional biomarkers in promoting healthy pregnancies and infant development. By examining both biological mechanisms and practical strategies, this Special Issue will provide new insights into evidence-based nutritional approaches to improving maternal and infant health on a global scale.

Guest Editor

Dr. Linglin Xie

Department of Nutrition, Texas A&M University, College Station, TX, USA

Deadline for manuscript submissions

20 May 2025



Nutrients

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/220986

Nutrients

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nutrients@mdpi.com

[mdpi.com/journal/
nutrients](https://mdpi.com/journal/nutrients)





Nutrients

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
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 (Food Science)