

Special Issue

The Impact of Perinatal Nutrition on the Health and Development of the Infant

Message from the Guest Editors

The perinatal period spans from conception to one year after childbirth and is a critical window of vulnerability and opportunity for foetal and infant development. Maternal intake (from diet and supplements) and status, metabolic health, and social and behavioural factors play a role in infant development and impact the short- and long-term health of the offspring. Infant feeding practices, such as breastfeeding and appropriate complementary feeding, are crucial for growth, development, and long-term effects on metabolic health, neurodevelopment, and immune function. This Special Issue aims to publish selected papers studying the critical influence of perinatal nutrition on infant health and developmental outcomes, providing insights into optimal nutritional strategies and interventions to promote healthy developmental outcomes. Multiple methods are welcomed, including, but not limited to, cohort studies, reviews, experimental or clinical studies, and qualitative and longitudinal studies with a specific focus on the role of perinatal nutrition in infant health.

Guest Editors

Dr. Ying Jin

School of Health Sciences, College of Health, Massey University, Palmerston North 4410, New Zealand

Dr. Louise Brough

School of Food Technology and Natural Sciences, College of Sciences, Massey University, Palmerston North 4410, New Zealand

Deadline for manuscript submissions

25 July 2026



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/225414

Nutrients
Editorial Office
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 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)