

Special Issue

Maternal Nutrition during Preconception, Pregnancy, and Lactation and Its Impact on Offspring Health

Message from the Guest Editors

The theory of “developmental origins of health and disease (DOHaD)” was advocated by Professor David Barker in 1995. This theory emphasizes how nutrition during the first 1000 days in early life can have powerful long-term effects on health. Increasing evidence implicates maternal diet and nutritional deficiency as important determinants of offspring health during childhood and later in adult life. Nowadays, excessive gestational weight gain, maternal obesity and nutrition-related gestational complication have become prominent. Thus, there is an urgent need for studies on the consequences of this epidemic for offspring, as well as to explore the underlying mechanisms and effective interventions in women of childbearing age. This Special Issue aims to collate recent high-quality research addressing maternal nutrition during preconception, pregnancy, lactation and its impact on offspring health. Maternal nutrition could include diet, nutritional state, nutrition-related complications, etc. We welcome submissions of both original research and reviews.

Guest Editors

Dr. Lijun Wang

Dr. Chunxia Jing

Dr. Jiaomei Yang

Dr. Dan Liu

Deadline for manuscript submissions

closed (5 January 2025)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/187899

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)