# **Special Issue**

# Maternal Nutritional Status and Infant Development

### Message from the Guest Editors

The prenatal and early postnatal periods have been revealed as critical stages of development where nutritional and other environmental factors may have a profound influence on health. Among other factors, maternal conditions during these critical stages of development can affect child growth and long-term health outcomes. In this Special Issue "Maternal Nutritional Status and Infant Development", we welcome papers focusing on the link between maternal nutrition and infant development. This includes original animal and human research, cohort studies, and systematic reviews/meta-analyses. Topics of interest include, but are not limited to, the impact of maternal micronutrient deficiencies, the role of dietary patterns, and the influence of breastfeeding practices. Understanding how maternal nutrition shapes infant health is crucial for designing effective interventions that can promote optimal development and prevent disease across generations. We look forward to receiving innovative contributions that will help advance our knowledge in this important field.

### **Guest Editors**

#### Dr. Catalina Amadora Pomar

1. Laboratory of Molecular Biology, Nutrition and Biotechnology (Group of Nutrigenomics, Biomarkers and Risk Evaluation), University of the Balearic Islands, 07122 Palma, Spain

2. Health Research Institute of the Balearic Islands (IdISBa), 07010 Palma, Spain

3. CIBER de Fisiopatología de la Obesidad y Nutrición (CIBEROBN), 28029 Madrid, Spain

### Dr. Mariona Palou

1. Laboratory of Molecular Biology, Nutrition and Biotechnology (Nutrigenomics, Biomarkers and Risk Evaluation Group), University of the Balearic Islands, 07122 Palma, Spain

2. Health Research Institute of the Balearic Islands (IdISBa), 07120 Palma, Spain

3. CIBER of Physiopathology of Obesity and Nutrition (CIBEROBN), Carlos III Health Institute (ISCIII), 28029 Madrid, Spain

4. Alimentómica S.L. Camí de na Pontons, S/N (Pol.11, Parc 3), 07310 Campanet, Spain

### Deadline for manuscript submissions

30 June 2025



# **Nutrients**

an Open Access Journal by MDPI

Impact Factor 4.8 CiteScore 9.2 Indexed in PubMed



mdpi.com/si/223642

Nutrients

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

mdpi.com/journal/

nutrients





# Nutrients

an Open Access Journal by MDPI

Impact Factor 4.8 CiteScore 9.2 Indexed in PubMed



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 peerreview 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. Lluis 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

 Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
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)