

Special Issue

Diet, Inflammation and Intestinal Homeostasis in Pediatric Population

Message from the Guest Editor

Nutrition is essential across the human lifespan. During the past decade, population-based epidemiological evidence has clarified the fundamental role of diet in healthy well-being, finding that a healthy diet starts early in life with adequate breastfeeding. Children need proper nutrients not only to stay healthy but also to ensure healthy aging. Infants and children have important anatomical and physiological differences, and nutrition is a cornerstone of their digestive, endocrine, and immune maturation. This Special Issue will include manuscripts that focus on intestinal physiology and pathophysiology in infants and children, as well as the role of dietary interventions in gut-associated disease prevention and management in pediatric populations. Papers should guide clinical practitioners and further inspire innovative research.

Guest Editor

Dr. Magdalena Kurnik-Łucka

Department of Pathophysiology, Jagiellonian University Medical College, 31-121 Krakow, Poland

Deadline for manuscript submissions

closed (20 August 2025)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/228819

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)