

Special Issue

Nutrition for Preterm and Critically Ill Infants

Message from the Guest Editors

Nutrition for “critical” infants represents a real challenge, both in NICU settings and thereafter. One of the most significant issues is the development of the so-called “extrauterine growth retardation” of ELBW newborns. There are many unanswered questions regarding its management, newborns’ catch-up growth, and long-term effects. Optimal nutritional management is also a significant problem in newborns with prematurity, intrauterine growth retardation, sepsis, surgical conditions, perinatal asphyxia, etc., all of which are characterized by an “acute stress response” aimed at restoring homeostasis. Recently, gender-based differences in neonatology and many other medical specialties have also been studied. They represent a promising approach for research and possible clinical applications. However, use of parenteral and enteral intakes varies widely, with a range of different approaches. This Special Issue will explore the different effects of nutrition in fragile neonates and children. We welcome the original research articles and reviews.

Guest Editors

Prof. Dr. Nicola Laforgia

Department of Interdisciplinary Medicine, University of Bari “Aldo Moro”, 70124 Bari, Italy

Dr. Maria Elisabetta Baldassarre

Department of Biomedical Science and Human Oncology, Section of Neonatology and Neonatal Intensive Care Unit, University of Bari “Aldo Moro”, 70100 Bari, Italy

Deadline for manuscript submissions

closed (15 April 2023)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/141424

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 (UIBS), 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)