

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.

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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

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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.

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