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Nutrition for Preterm and Critically Ill Infants

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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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Special Issue



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