

Special Issue

Nutrition Intake and Outcomes in Extremely Low Birth-Weight Infants

Message from the Guest Editor

The effect of early nutrition and growth, and specifically the determination of the optimal time and rate of catch-up growth, could represent key factors in the comprehension of the mechanisms related to the risk of obesity in childhood or puberty. Growth faltering attributed to inadequate provision of nutrition is common in infants born prematurely, and optimal postnatal growth is associated with improved clinical as well as neurodevelopmental outcomes. Initiation of parenteral nutrition in very low birth-weight preterm infants, using either individualized or standardized parenteral nutrition, is of paramount importance. Early initiation of adequate energy, protein, fat, and mineral intake is needed for nutritional transition from intrauterine to extrauterine life. Pursuing this aim, this Special Issue will include manuscripts focused on approaches to the standardization of methodologies for the early evaluation of preterm infants in order to more effectively follow-up their early postnatal growth, body composition and early nutrition.

Guest Editor

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Deadline for manuscript submissions

closed (10 December 2024)



Children

an Open Access Journal
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Impact Factor 2.1
CiteScore 3.8
Indexed in PubMed



mdpi.com/si/204624

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or comprehensive review for consideration and publication in *Children* (ISSN 2227-9067). *Children* is an open access journal—research articles, reviews, and other content are published online immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. The journal focuses on sharing clinical, epidemiological, and translational science relevant to children's health. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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