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Effect of Perinatal Condition and Nutritional Management on Patterns of Growth and Body Composition in Low-Birth-Weight Infants

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Message from the Guest Editor

Dear Colleagues,

Research regarding the developmental origins of health and disease (DOHaD) shows that pre and postnatal (the first 1000 days, from conception to two years of age) environmental factors can affect the body composition and disease development over the year. On the other hand, recent progression in neonatal intensive care has led to dramatic improvements in the survival of very preterm infants. These developments in neonatology have been associated with an increased number of infants with a short gestational age surviving their neonatal period; however, now their long-term health outcomes have become a matter of great concern. Studies among preterm-born children have found different body shapes compared to children born at term. However, it is unknown whether nutritional management or medication during hospitalization may improve body composition. For an upcoming *Nutrients* Special Issue, we are pleased to invite researchers to contribute articles focusing on clinical and animal studies regarding pathogenesis, diagnostics, and nutritional management for unique body composition in preterm infants.



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Special Issue



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