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

Guest Editor:

Dr. Hiromichi Shoji

Department of Pediatrics,
Juntendo University Faculty of
Medicine, 2-1-1 Hongo, Bunkyo-
ku, Tokyo 113-8421, Japan

Deadline for manuscript
submissions:

closed (15 April 2024)

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.



mdpi.com/si/122618

Special Issue



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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 (IUIBS), 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

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Journal Rank: JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Nutrition and Dietetics)

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Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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