



Influence of the Composition of Breast Milk on the Risk of Childhood Obesity

Guest Editors:

Prof. Dr. Catalina Picó

1. Laboratory of Molecular Biology, Nutrition and Biotechnology (Group of Nutrigenomics, Biomarkers and Risk Evaluation), University of the Balearic Islands, 07122 Palma, Spain
2. Health Research Institute of the Balearic Islands IdISBa, 07010 Palma, Spain
3. CIBER de Fisiopatología de la Obesidad y Nutrición (CIBEROBN), 28029 Madrid, Spain

Dr. Catalina Amadora Pomar

1. Laboratory of Molecular Biology, Nutrition and Biotechnology (Group of Nutrigenomics, Biomarkers and Risk Evaluation), University of the Balearic Islands, 07122 Palma, Spain
2. Health Research Institute of the Balearic Islands IdISBa, 07010 Palma, Spain
3. CIBER de Fisiopatología de la Obesidad y Nutrición (CIBEROBN), 28029 Madrid, Spain

Message from the Guest Editors

The prenatal and early postnatal periods have been revealed as critical stages of development where nutritional and other environmental factors may have a profound influence on health. Breastfeeding offers optimal nutrition in the immediate postnatal period, resulting in health benefits for both mothers and infants. Significantly, breastfeeding has been shown to reduce the risk of childhood obesity and type 2 diabetes, among other conditions.

Breast milk not only contains macronutrients and micronutrients, it also provides a large quantity and variety of bioactive compounds that may influence infant growth and development. However, breast milk composition is not uniform. It may be affected by environmental and maternal conditions, particularly metabolic status and diet; thus, the beneficial effects of breastfeeding might be influenced by breast milk composition. However, the precise associations and underlying mechanisms are currently poorly understood.

In this Special Issue, we welcome papers focusing on the link between milk composition and childhood obesity. This includes original animal and human research, cohort studies, and systematic reviews/meta-analyses.



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Editors-in-Chief

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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Contact Us

Nutrients Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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