Special Issue

Effects of Diet During Breastfeeding on Infants

Message from the Guest Editor

In this Special Issue, we will bring together papers focusing on the influence of maternal nutrition and infant health and growth.

Proper maternal nutrition during pregnancy and lactation is crucial for optimal fetal development, infant growth, and long-term health outcomes.

During pregnancy, a well-balanced diet is essential to prevent fetal complications and support an optimal intrauterine environment. In the postpartum period, maternal caloric reserves play a critical role in sustaining sufficient energy levels for breastfeeding. Human milk composition dynamically adapts to various maternal factors, including diet, nutritional status, and body composition.

This Special Issue welcomes original research articles, systematic reviews, and meta-analyses that explore various aspects of maternal nutrition during breastfeeding and its impact on the following:

Human milk composition (macronutrients, micronutrients, and bioactive compounds); Infant growth and metabolic health; Neurodevelopment and cognitive function; Infant gut microbiome and immune programming.

We look forward to receiving your contributions.

Guest Editor

Dr. Giorgia Sebastiani

Department of Neonatology, Hospital Clínic-Maternitat, Institut Clínic de Ginecologia, Obstetrícia i Neonatologia (ICGON), Spain BCNatal, Barcelona Center for Maternal Fetal and Neonatal Medicine, Barcelona, Spain

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Nutrients
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nutrients@mdpi.com

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About the Journal

Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. Nutrients adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of Nutrients has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

Editors-in-Chief

Prof. Dr. Lluis Serra-Majem

- Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
- Research Institute of Biomedical and Health Sciences (IUIBS),
 University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
 Preventive Medicine Service, Centro Hospitalario Universitario
 Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

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