



Maternal Diet, Epigenetic Mechanisms and Metabolic Programming

Guest Editors:

Dr. Nafisa M. Jadavji

1. Biomedical Sciences, School of Medicine, Southern Illinois University, Carbondale, IL 62901, USA

2. Department of Child Health, University of Arizona, Phoenix, AZ 85721, USA

3. Department of Neuroscience, Carleton University, Ottawa, ON K1S 5B6, Canada

Dr. John Krzeczkowski

Department of Health Sciences, Brock University, St. Catharines, ON, Canada

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Message from the Guest Editors

Dear Colleagues,

Maternal diet and nutritional factors affect various aspects of metabolic programming. These changes are induced in early life, and may alter the phenotype later in life, influencing the development of metabolic diseases and neurodevelopment. In particular, dietary imbalances during pregnancy may affect neurodevelopment during the sensitive period, thereby increasing the susceptibility of offspring to neurological diseases (e.g., stroke and vascular dementia).

In this Special Issue, original articles and reviews addressing the effects of maternal diet and nutrition on metabolic programming and potential mechanisms of maternal epigenetic regulation of gene expression that have persistent effects on offspring health and development are welcome.

Dr. Nafisa M. Jadavji

Dr. John Krzeczkowski

Guest Editors





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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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Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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