



Maternal and Early-Life Nutrition and Health

Guest Editor:

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Message from the Guest Editor

Nutritional challenges, including caloric restriction, macronutrient excess, and micronutrient insufficiencies during early development, i.e. prior to and during gestation, lactation, and early-life, are known to influence lifelong health. Therefore, disturbances of quality and quantity of nutrition during these sensitive time periods of development can increase the risk to develop common adult disorders, such as obesity, metabolic syndrome, cardiovascular disorder, nonalcoholic fatty liver disease, cognitive function, as well as neuropsychological disorders. Nutritional programming has become a hot research topic.

This Special Issue aims to bring together the latest research on the role of nutrition, both prior to and during pregnancy, and in early-life, on placenta function, fetal growth, and offspring development. Studies on a broad range of topics, including maternal dietary intake, neonatal and early-life nutrition, placenta pathology, and future child and adult health are warranted. Original preclinical and clinical studies, meta-analyses, and review articles will be considered.





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Prof. Dr. Paul R. Ward

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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