

Special Issue

Effect of Nutritional Conditions on Maternal and Infant Health in Different Periods of Gestation and Lactation

Message from the Guest Editors

Pregnancy and lactation are critical developmental periods for determining the risk of chronic diseases in offspring, and nutritional status plays a vital role in the health of mother and baby. Maternal undernutrition during pregnancy is strongly associated with adverse infant programming. On the other hand, the high incidence of women of reproductive age with overweight and obesity is a main driver of the obesity pandemic, generating a cycle of obesity transmission from generation to generation. Besides gestation, lactation is another key window for metabolic programming. Breast milk can provide personalized nutrition and have short- and long-term health benefits for both baby and mother. However, the influence of certain maternal environments on infant health has barely been explored. For this Special Issue, we invite submissions focusing on the effect of nutritional conditions and dietary interventions during gestation and lactation on maternal and infant health.

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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.

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