

Special Issue

Effects of Diet, Lifestyle on Maternal and Offspring Obesity

Message from the Guest Editor

Obesity is one of the greatest public health concerns of the 21st century and, concerning, maternal obesity is increasing at an alarming rate. Fetal and perinatal periods represent windows of sensitivity, during which qualitative or quantitative alterations to maternal nutrition and lifestyle influence the offspring's risk of developing metabolic disturbances and obesity, maintaining a vicious cycle. This Special Issue will focus on the maternal factors related to lifestyle, dietary approaches, food intake and composition that influence offspring obesity. Articles which investigate how these factors can modulate obesity through epigenetics, placental function, brain development, hormonal regulations, and breast milk and microbiome composition are welcome. Authors are also encouraged to submit research and reviews with emphasis on prevention and treatment strategies.

Guest Editor

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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.

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