

Special Issue

Effects of Maternal Nutrition and Lifestyle before and during Pregnancy on Short- and Long-Term Outcomes

Message from the Guest Editor

This Special Issue deals with the effects of maternal nutrition and lifestyle before and during pregnancy on short- and long-term outcomes, for both the mother and offspring. Malnutrition, found both in conditions of undernutrition and overnutrition such as obesity, is expanding exponentially worldwide to near-epidemic proportions, representing a significant risk factor for gestational complications and impaired pregnancy outcomes. The prevention of malnutrition and unhealthy behaviors, as well as understanding the mechanisms underlying their association with negative pregnancy outcomes, is therefore of extreme importance for global health and global socio-economic stability.

Among ongoing research, studies on placental alterations, maternal biomarkers and epigenetics are leading to a partial comprehension of the events that come into play in these conditions, which could provide interesting insights for future interventions.

In this Special Issue of *Nutrients*, we welcome original research articles, as well as review articles on the current state of research.

Guest Editor

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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.

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