

## Special Issue

# Maternal Nutrition, Metabolic Factors and Offspring Health

### Message from the Guest Editor

Growing evidence shows that maternal nutrition and metabolism from pre-conception to lactation exert long-lasting impacts on offspring health during the critical period of the first 1000 days of life. Mothers' dietary intake shapes the production of metabolites that can cross the placenta and affect pregnancy outcomes and fetal development. Despite decreasing birth rates in developed countries, perinatal nutrition still receives great attention due to rising delivery age, increasing multiparity and potentially adverse outcomes related to assisted reproductive technology, as well as increasing prevalence of metabolic disorders worldwide. For this Special issue, we request the submission of both original studies and review articles that focus on the influence of maternal nutrition across pre-conception, gestation or lactation on various offspring health outcomes. We hope that this Special issue offer will up-to-date knowledge and valuable, novel insights for health professionals and scientific researchers. Papers combining a high academic standard with a practical focus are especially welcome.

### Guest Editor

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### Deadline for manuscript submissions

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## Nutrients

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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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