

## Special Issue

# Maternal Nutritional Status and Gut Microbiome Composition

### Message from the Guest Editor

Over time, the roles of the microbiome (gut, oral, and vaginal) in pregnancy and complications of pregnancy have become apparent. Outside pregnancy, it is very clear that dietary intake is a major determinant of the composition of the microbiome, especially the gut microbiota. However, this association between dietary intake and the microbiome composition has not been clearly established. In the post-partum period, appropriate dietary intake is critical for the establishment and maintenance of breastfeeding, and the microbiome of the mother may be a contributing factor. In this Special Issue, we focus on the interactions between the microbiome composition and nutritional intake in pregnancy and lactation to establish the similarities and differences between these interactions in and outside pregnancy. We also aim to explore whether complications of pregnancy such as gestational diabetes and pregnancy-related hypertensive disorders alter the interactions between the microbiome and nutrition.

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### Deadline for manuscript submissions

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## Nutrients

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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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