

## Special Issue

# Maternal and Early Life Programming of Childhood Health: A Nutritional and Epigenetic Investigation

### Message from the Guest Editors

Accumulating evidence suggests that early life exposure to a range of environmental factors, including nutrition, plays a key role in defining offspring health, both in childhood and in later life. Epigenetic phenomena (particularly DNA methylation) have been proposed as mechanisms by which fetal or early life environment may affect offspring phenotype and health years after exposure. This Special Issue, “Maternal and Early Life Programming of Childhood Health: A Nutritional and Epigenetic Investigation”, will include original research and scientific perspectives on the influence of maternal, paternal and early life exposures (with a focus on nutrition, either as individual components or patterns) on a range of offspring health outcomes (including obesity, cardiometabolic health, type 2 diabetes, cancer, respiratory conditions, osteoporosis and neurodevelopmental disorders). In addition, the influence of these exposures on the epigenome will be discussed and the role of epigenetics in mediating diet-health relationships will be explored.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 2019)



## Nutrients

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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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### Editors-in-Chief

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