



The Impact of Early Life Nutrition on Gut Maturation and Later Life Gut Health

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Message from the Guest Editors

Dear Colleagues,

Early life nutrition plays a crucial role in the maturation of the gut and overall gut health later in life. An adequate intake of nutrients, in the first month of life can lead to proper gut development and function. A lack of these nutrients can lead to an immature gut microbiome and an increased risk of gut-related issues. Studies have also shown that breastfeeding can have a positive impact on gut maturation and overall gut health.

This Special Issue aims to publish studies investigating how nutrition affects the development of the gut. Including research on the impact of various early life diets on the gut microbiome, the effects of breastfeeding on gut maturation, the role of microRNAs or XenomiRs found in breastmilk, and the relationship between the gut microbiome and health outcomes. We welcome clinical studies that evaluate the effectiveness of interventions designed to improve gut health during the early life period, explore the connection between the gut microbiome and the development and function of the immune system.





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