



nutrients



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Dietary Nutrients and Additives on Gut Microbiota and Immunity

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Message from the Guest Editor

Intestinal health and immunity are closely related to dietary nutrients and have received extensive attention in recent years. A considerable part of the dietary influences on human health and diseases are mediated or modified by the gut microbiome. Most diet-related chronic diseases are closely linked to gut microbiota and host immunity, which highlights the critical role of host immunity and microbial interactions in coordinating diet-related host health and disease.

The topic of this Special Issue is the impact of dietary nutrients and additives on gut microbiota and immunity, which will include manuscripts that focus on the complex dynamic relationship between dietary nutrients and intestinal microbiota or immunity, as well as the mechanisms by which additives such as prebiotics and probiotics, including their metabolites, act on the host intestinal nutrition and immunity, with the aim to provide nutritional strategies for intestinal microbiota regulation, improving intestinal immunity for human health. The content will be useful for enriching the theory of prevention and treatment of internal and external intestinal diseases and inspire further innovative research.



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