



nutrients



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Prebiotics and Probiotics in Metabolism Disorder

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Microbial community structural and functional disorder (dysbiosis) has been linked to numerous diseases, including diabetes mellitus, obesity, cardiovascular disease, gastrointestinal disorders, mental disease, and cancer. The use of prebiotics or probiotic bacteria is a promising way to achieve disease prevention and treatment. Through prebiotics or probiotic supplementation for preventing the disruption of microbial communities, they represent an alternative health regulation strategy. Studies have revealed, especially, that consumption of prebiotics and probiotic supplementation, and resulting improvement in gut microbiota dysbiosis, significantly improve the overall health of patients with diabetes and metabolic diseases. This Topical Collection covers all aspects of using prebiotics and probiotics to treat diabetes and metabolism disorder in humans and model organisms (mammals, other vertebrates, and invertebrates). The goal of this Topical Collection is to provide a platform for all researchers to better understand importance of prebiotics and probiotics as therapeutic strategies for diabetes and metabolism disorder.

Kind regards,

Dr. Gang Wang
Collection Editor



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