

Special Issue

Molecular Advances in Gut Microbiota and Intestinal Diseases

Message from the Guest Editor

Human intestinal microbiomes have an insurmountable effect on our health status by influencing a wide range of diseases, including cancer, obesity, allergies, and neurological disorders. Food and pharmaceuticals industries have been assiduous in providing foods and supplements in order to improve or maintain health and establish a gut microbiota that is regarded as beneficial. As such, a healthy microbiota may protect us from dysbiosis-related diseases, such as inflammatory bowel disease (IBD) or metabolic disorders. In turn, a resilient dysbiotic microbiota may cause disease.

This Special Issue invites novel research, reviews on novel bioactives that induce changes in the cecal microbiota which possess various properties (antioxidant, anti-cancer, and anti-inflammatory), maintain intestinal homeostasis, target metabolic responses in the host, or alleviate the effects of dysbiosis.

Guest Editor

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