

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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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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