

Special Issue

Advances of Gut Microbiota in Gastroenterology and Hepatology

Message from the Guest Editors

The gut microbiota plays a crucial role in maintaining gastrointestinal and hepatic health, influencing a wide range of physiological processes, from digestion and metabolism to immune modulation. This Special Issue of *Biomedicines* aims to highlight the latest advances in the study of gut microbiota in gastroenterology and hepatology. We invite contributions that explore the mechanisms by which the gut microbiota influences gastrointestinal and liver diseases, the potential of microbiota-targeted therapies, and the use of microbiome profiling as a tool for disease diagnosis and prognosis. Our goal in publishing this Special Issue is to stimulate research and clinical interest in the dynamic field of the gut microbiota. By fostering a deeper understanding of the gut–liver axis and its implications for health and disease, we hope to further the development of innovative interventions to improve patient outcomes in gastroenterology and hepatology.

Guest Editors

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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