Special Issue

Gut Microbiome and Its Impact on Human Health

Message from the Guest Editors

The gut microbiome has emerged as a dynamic field of study with profound implications for human health. The current Special Issue aims to provide a comprehensive overview of the current state of research on the gut microbiome and its implications for human health. We intend to explore the intricate mechanisms governing the gut microbiome-host interactions and their role in both health and disease. Furthermore, we aim to highlight the potential therapeutic applications and both the preclinical and clinical relevance of this knowledge. This Special Issue will feature cutting-edge research articles, reviews, and perspectives from leading experts in the field. Thus, we welcome diverse contributions, including original research articles, systematic reviews, and meta-analyses related to the gut microbiome and its effects on human health. Topics of interest include, but are not limited to, microbiome-based therapies, personalized medicine approaches, and the role of diet and lifestyle in shaping the gut microbiome. We look forward to your contributions.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on "omics"-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical

subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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