

Special Issue

Gut Microbiome Regulation of Immunity and Inflammation

Message from the Guest Editor

Recent advances support that the human gut microbiota plays a critical role in the regulation of human health. Currently, the field is shifting from cataloging individual members of the commensal community to understanding their impact on host health and disease prevention. Emerging literature suggests that there is an interaction between the gut microbiome and the host immune system. However, the detailed mechanisms of the interaction as well as the impact of modifying the gut microbiome (such as diet) on the immune system remain unclear and warrant elucidation. We invite researchers to contribute original and review articles regarding the relationship between the gut microbiome, immunity and inflammation. We also welcome articles dealing with individual differences and system approaches that are consistent with the current emphasis on precision and individualized health care.

Guest Editor

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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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