



## Understanding of the Microbiome at the Genome Level

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### Message from the Guest Editors

A comprehensive understanding of how beneficial and pathogenic microbes interact with the host and other microorganisms is essential for developing microbiome manipulation strategies to enhance host health. As the Guest Editors of this Special Issue, we encourage the scientific community to submit contributions (original research articles, review articles, and short communications) in the following (but not exclusive) areas:

1. Genomic research on microorganisms isolated (or recovered from metagenomic data) from the microbiomes.
2. Genome-resolved inter-microbial interactions inside the microbiome
3. Roles of beneficial- or pathogenicity-associated genes in the interactions of microbes with the microbiome
4. The role of mycobiota and their interaction with bacteria
5. The role of gut microbiota in stress (weaning stress, nutritional stress, heat stress, oxidative stress and etc.)





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## Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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