

Special Issue

Advances in Viral Metagenomics

Message from the Guest Editor

This Special Issue invites original research articles, reviews, and perspectives that encompass a wide range of topics related to advances in viral metagenomics, including, but not limited to: Innovative methodologies and bioinformatics approaches in viral metagenomics; Viral diversity and dynamics in different environments, including oceans, soils, and the human microbiome; Viral discovery and characterization using metagenomic approaches; Viral–host interactions and co–evolutionary dynamics revealed by metagenomics; The role of viral metagenomics in studying emerging and zoonotic viral diseases; Applications of viral metagenomics in environmental monitoring and surveillance; Viral metagenomics in agricultural systems and plant virome studies; Metagenomic approaches for studying viral communities in the human virome and their implications for health and disease. We welcome researchers, virologists, bioinformaticians, and scientists from related disciplines to contribute their valuable work to this Special Issue, facilitating knowledge exchange and stimulating further advancements in viral metagenomics.

Guest Editor

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About the Journal

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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