



Phage-Bacteria Interplay: Phage Biology and Phage Therapy

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Message from the Guest Editors

Dear Colleagues,

Bacteriophages (phages) are naturally occurring viruses that specifically infect and replicate within bacterial cells. Phages play a crucial role in shaping microbial communities and influencing bacterial evolution. Over the past few years, there has been a surge in exploring the therapeutic potential of phages against antibiotic-resistant bacteria.

This Special Issue entitled “Phage–Bacteria Interplay: Phage Biology and Phage Therapy” aims to present recent research related to phages with special focus on, but not limited to, the following areas: phage genomics, phage diversity, phage therapy, phage–host interactions, phage-mediated horizontal gene transfer, diverse mechanisms of phage infection, microbiome, replication and interaction with bacterial hosts. This Special Issue is devoted to publishing papers on studies of the biology, therapy and application of phages. Reviews, original research and communications will be welcome.





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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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