

Special Issue

Insights into Microbial Infections, Co-Infections, and Comorbidities

Message from the Guest Editors

Microbial infections and co-infections are major global health concerns, significantly contributing to disease burden and mortality worldwide. Co-infections—the simultaneous occurrence of two or more infections within a host—introduce unique challenges in understanding disease dynamics, progression, and management due to intricate pathogen–pathogen and pathogen–host interactions. This Special Issue aims to explore the multifaceted relationships between microbial infections, co-infections, and comorbidities, emphasizing biological and mechanistic insights, along with real-world applications. Furthermore, the Special Issue welcomes studies on the ecological and biophysical, including exposomic and physiological, impacts of microbial communities in the context of these diseases, including their role in modulating host immune responses and influencing therapeutic outcomes.

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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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