

Special Issue

Epidemics in Humans

Message from the Guest Editor

This Special Issue presents a comprehensive exploration of the dynamic landscape of infectious diseases, encompassing a wide array of discoveries, underlying mechanisms, and emerging trends in the field. Through a collection of cutting-edge research articles and reviews, this Special Issue aims to shed light on the critical aspects shaping our understanding of and responses to infectious diseases. Covering a diverse range of topics, including pathogen discovery, host–pathogen interactions, antimicrobial resistance, epidemiology, and novel treatment modalities, the contributions within this Special Issue provide valuable insights into the complex nature of infectious diseases. Moreover, discussions on One Health approaches, global disease surveillance, vaccine development, and the impact of environmental factors underscore the interconnected nature of infectious diseases and highlight the importance of multidisciplinary approaches in combatting these threats. By addressing key challenges and exploring new avenues for research and intervention, this Special Issue contributes to ongoing efforts to control and prevent infectious diseases on a global scale.

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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).