

Special Issue

Pathogen Infections and Respiratory Diseases

Message from the Guest Editors

As global public health challenges become increasingly severe, respiratory diseases and related pathogen infections have become the focus of our attention. Despite the advances in diagnostic methods and antibiotic therapy, respiratory disease is the world's leading cause of death due to infection. Pathogen infections and the respiratory diseases that they cause have become important challenges in global public health. This Special Issue will provide a comprehensive discussion of pathogenic infections and their relationship with respiratory diseases. We will focus on different types of pathogens, including viruses, bacteria, fungi, etc., and explore their characteristics and pathogenic mechanisms. This Special Issue will bring together the latest research results and clinical experiences from around the world, covering topics such as, but not limited to, pathogens infection mechanisms and host responses, as well as the diagnosis, prevention, and treatment of respiratory diseases. By gaining a deeper understanding of these pathogens, we can better understand their impacts on the respiratory system and provide a scientific basis for disease prevention and treatment.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).