

Special Issue

Nosocomial Infections and Antimicrobial Resistance: Challenges and Solutions

Message from the Guest Editors

HAIs and AMR are critical global health challenges, with vulnerable patients at increased risk of life-threatening complications. This Special Issue aims to address the urgent need for innovative approaches to combat these threats with a particular emphasis on pathogens belonging to the ESKAPE acronym, which have been a cause of concern for the WHO due to their elevated antimicrobial resistance. For this Special Issue, we invite colleagues to submit original research papers and systematic and comprehensive reviews that explore novel strategies, epidemiological insights, and technological advances to mitigate the impact of HAIs and AMR. Of particular interest are studies that leverage genetic and molecular tools to identify multidrug-resistant organisms, identify and contain nosocomial outbreaks, and evaluate the efficacy of antimicrobial stewardship programs, among others. We also encourage the submission of papers focused on the development and implementation of rapid diagnostic technologies, the application of health risk assessment models, and the integration of genomic data into clinical and public health decision-making.

Guest Editors

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Deadline for manuscript submissions

31 October 2025



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/230601

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About the Journal

Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

Pathogens is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

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