

Special Issue

Antibiotic Resistance in Hospital-Acquired Infections

Message from the Guest Editors

Healthcare-associated infections (HAI) are a significant public health issue, particularly due to the rise of multidrug-resistant (MDR), extensively-drug resistant (XDR), and pan-drug resistant pathogens. These infections account for over 70% of the health impact from antibiotic-resistant infections and lead to a sharp increase in attributable deaths. To address this, prudent antibiotic use, robust infection prevention and control measures, and active surveillance are essential. These strategies can reduce the circulation and spread of MDR pathogens. This Special Issue of Antibiotics aims to gather research and reviews on the epidemiology, clinical features, and prevention strategies of HAIs. It focuses on the impact of MDR bacteria in hospital settings and antimicrobial resistance trends during and post-COVID-19. The goal is to increase knowledge of the health burden of antibiotic-resistant infections and identify effective measures to combat this critical public health issue.

Guest Editors

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Deadline for manuscript submissions

31 August 2025



Antibiotics

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/213363

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About the Journal

Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciplines are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

Editor-in-Chief

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