

Special Issue

Infection and Treatment of Antibiotic-Resistant ESKAPE Pathogens

Message from the Guest Editors

The global challenge posed by bacterial infections, often accompanied by intricate antibiotic resistance patterns, significantly impacts human health. Antibiotics, while effective, wield a double-edged sword: they eliminate germs but simultaneously exert selective pressure on bacteria to evolve resistance. Furthermore, antibiotic use disrupts the gut microbiota, fostering a reservoir of antimicrobial resistance genes and organisms, along with complications like antibiotic-associated diarrhea and superinfections. In contrast, pathogen-specific alternatives offer distinct advantages over antibiotics. This Special Issue aims to compile novel research on alternative therapies combating bacterial infections. We seek studies on novel antimicrobials and innovative antibiotic alternatives. The precise characterizations of antimicrobial agents effective against multidrug-resistant infections are of particular interest. Additionally, we invite contributions in the form of review articles or concise reflections on these critical topics. We eagerly await your submissions. Dr. Peng Gao
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Guest Editors

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Deadline for manuscript submissions

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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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