

Special Issue

Alternative Approaches to Treating Antimicrobial Resistant Infections, 4th Edition

Message from the Guest Editors

Antimicrobial resistance is one of the greatest threats to global health. Antibiotics revolutionized medicine, but new antimicrobial development has slowed, and many pharmaceutical companies have withdrawn from anti-infective research due to low profitability. As a result, many infections are increasingly difficult to treat, raising mortality and healthcare costs, and even routine procedures such as chemotherapy or organ transplants may become high-risk.

This Special Issue invites original research and reviews on innovative strategies to combat antimicrobial-resistant pathogens. Topics include novel combinatorial therapies and drug repurposing, host-targeted therapies, bacteriophages, predatory bacteria, bacteriocins, antimicrobial peptides, nanoparticles, natural compounds, immunotherapeutics, probiotics for competitive exclusion of pathogens, and development of new antibacterial compounds.

Authors submitting to this issue are eligible for a 20% discount on the Article Processing Charge. Please contact the editorial office, Ms. Lyric Ren (lyric.ren@mdpi.com), to record your discount.

Submit your manuscript to advance effective solutions against antimicrobial resistance!

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Deadline for manuscript submissions

30 April 2027



Antibiotics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.2
Indexed in PubMed



mdpi.com/si/262597

Antibiotics
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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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