

Special Issue

Advances in Antimicrobial Compounds: Exploring Natural, Synthetic, and Repositioned Drugs

Message from the Guest Editors

In recent decades, the growing threat of antimicrobial resistance has driven intensive research into new compounds capable of effectively combating infections. This Special Issue, titled "*Advances in Antimicrobial Compounds: Exploring Natural, Synthetic, and Repositioned Drugs*", aims to gather innovative contributions spanning natural molecules, new synthetic agents with antimicrobial activity, and the repositioning of existing drugs for novel therapeutic applications. Original research articles, critical reviews, and methodological studies that explore aspects such as the design of new compounds, the assessment of their efficacy and safety, and the analysis of their mechanisms of action are welcomed. We also encourage contributions that investigate innovative approaches to overcoming the challenges posed by antimicrobial resistance, with the hope of stimulating the development of more effective and sustainable therapies for the future.

Guest Editors

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Deadline for manuscript submissions

31 July 2026



Antibiotics

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/230720

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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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