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New Insights into Antimicrobial Discovery

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Message from the Guest Editors

Dear Colleagues,

Antibiotics have revolutionized modern medicine, making it possible to treat otherwise deadly bacterial infections. Misuse of antibiotics has allowed the selection of resistant strains that do not respond to conventional treatments. Antibiotic resistance is a leading cause of morbidity and mortality, causing millions of deaths worldwide each year. To this end, the scientific community is conducting continuous research to discover new antibacterial agents with alternative mechanisms of action and pharmacological targets. This Special Issue covers all aspects of antimicrobial discovery, including nanomaterials, natural and synthetic compounds, repurposed drugs, and modifications of existing drugs for the treatment of multidrug-resistant infections. We invite researchers to contribute with original research and review articles.



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Special Issue



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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 disciples 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.

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