

Special Issue

Recent Advances in Antimicrobial Drug Discovery

Message from the Guest Editor

Antibiotics have been the cornerstone of modern medicine saving lives by virtue of being able to cure infectious diseases and to prevent infections in those that are immune compromised. Their intense use has led to a surging increase in the incidence of antibiotic-resistant bacteria resulting in a desperate need for antibiotics with new mechanisms of action. Natural products, originating from marine, plant and fungal origins, are rich sources of bioactive compounds with diverse structures and functional groups and have given society some of the largest medical breakthroughs in our time. In this Special Issue we welcome the submission of publications of research and review articles on the discovery of natural products or synthetic derivatives with antibacterial activities, and studies clarifying their mechanisms and modes of action.

Guest Editor

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Deadline for manuscript submissions

closed (10 June 2023)



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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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