

Special Issue

The Search for Antimicrobial Agents from Natural Products

Message from the Guest Editors

Traditionally, there has been a growing interest in exploring natural products as a reservoir of unique chemical structures that have been finely honed by evolution for their capacity to interact with biological molecular targets. This exploration into the therapeutic potential of natural products not only provides a promising avenue for combating antimicrobial resistance but also presents opportunities to circumvent the limitations associated with conventional antibiotics. This Special Issue underscores the interdisciplinary nature of natural product research, drawing upon insights from chemistry, biochemistry, microbiology, pharmacology, and bioinformatics to accelerate the discovery and development of novel antimicrobial agents. Moreover, this Special Issue delves into the underlying mechanisms of action driving the antimicrobial efficacy of natural products, providing insights into their molecular interactions and therapeutic potential.

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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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