

Special Issue

Antimicrobial Activities of Medicinal Plants and Their Formulations

Message from the Guest Editors

Faced with the alarmingly increasing antimicrobial resistance against the existing agents, the search within the diverse natural repository of bioactive compounds offers a glimmer of hope in plant extracts.

Pharmaceutical technologies enhancing bioactivity and developing novel formulations stand as the final frontier in humanity's ongoing battle against microorganisms. This Special Issue of *Antibiotics* is dedicated to studies aiming to discover new bioactive chemical entities from plant extracts, scouring nature for clues wherever an extract may bring a known substance with new properties or even exhibit synergistic effects observed in extracts or fractions. All the efforts directed toward ensuring the potentiation of bioactives in formulations, whether solid, semi-solid, liquid or aerosol, including all technological strategies such as nanoencapsulation and complexation with cyclodextrins, applicable across cosmetics, food and drug development, for example, are within the scope of this Special Issue.

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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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