



Antibacterial Activity of Plant Extracts and Essential Oils - 2nd Volume

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Message from the Guest Editors

The ample exploit of antibiotics in the management of bacterial infections has led to the emergence and multiplication of resistant bacterial strains. Infections due to multidrug-resistant pathogens are routinely complicated by virulence factors coupled with a relatively limited choice of antimicrobial agents. Thus, it is extremely important to find novel antimicrobials or new techniques that are effective in treating infectious diseases caused by drug-resistant microorganisms. Furthermore, microorganisms have a natural capacity to attach to surfaces, multiply, embed themselves in a slimy matrix, and form biofilms, making their eradication more difficult and complex.

This Special Issue aims to publish high-quality manuscripts evaluating the antibacterial properties of plant extracts and essential oils together with their chemical characterization, bioassay-guided fractionation, isolation, and/or structure elucidation.





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Editor-in-Chief

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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 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.

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