



Antimicrobial Activity of Natural Products and Plants Extracts

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Message from the Guest Editors

Dear Colleagues,

There is an urgent need to discover new antimicrobial products that are suitable to tackle microbial resistance. Pathogenic and commensal, human, veterinary, foodborne, and environmental bacteria are constantly associated with elevated levels of antimicrobial resistance. Natural products (NPs) are regarded to be valuable alternatives to conventional medicine given their complex therapeutical properties. Over time, the contribution of NPs to the field of pharmacotherapy has been proven to be significant; multidisciplinary studies are required to assess their suitability as sources of biologically active compounds that could be further utilized in therapy.

This Special Issue aims to extend and update the knowledge regarding the antimicrobial potential of natural products. Potential topics include but are not limited to the following: screening of antimicrobial potential, the antimicrobial efficacy of natural products and plant extracts correlated to their chemical composition and/or other biological properties, interconnected pathways, and mechanisms of action, synergism, and standardization.





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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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