

Special Issue

Antimicrobial Activity of Natural Products and Plants Extracts, 2nd Edition

Message from the Guest Editors

The first edition of the Special Issue “Antimicrobial Activity of Natural Products and Plants Extracts” was published in 2023. It is a successful collection of 9 excellent papers and has encouraged us to open a second edition on the same topic. As a continuation of the first Special Issue, this second edition aims to discuss the different aspects of the antimicrobial potential of natural products, including the 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. Manuscripts reporting on plant extract antimicrobial screening based on basic methodologies (such as zone-of-inhibition assays) and non-standardized protocols will not typically be considered for publication in this Section.

Antimicrobial activities should be further quantified by MIC, IC50, or other statistical determinations. Furthermore, manuscripts dealing with plant extract evaluation that do not include chemical characterization will not typically be considered for publication.

Guest Editors

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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

Prof. Dr. Nicholas Dixon

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