



## Antimicrobial Plant Extracts and Phytochemicals, 2nd Volume

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submissions:

**closed (15 July 2022)**

### Message from the Guest Editors

Dear Colleagues,

The urgent need for novel antimicrobial drugs to reduce the global burden of infectious diseases has greatly stimulated the exploration of plant products as a source of novel and effective phytotherapeutic agents. Indeed, plant products represent a nearly unlimited source of (multitarget) active ingredients, consisting of complex mixtures of hundreds of different compounds that may be additively or synergistically active once administered. In addition, plant extracts, essential oils and phytochemicals can be useful in adjuvant therapy for improving the efficacy of conventional antimicrobials, decreasing their adverse effects, and reversing multidrug resistance, the latter being a global threat due to the genetic plasticity and environmental adaptability of pathogenic microorganisms. Not least, selected phytochemicals can also be used as templates for the development of new scaffolds for antimicrobial drugs.





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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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