



Antimicrobial Properties of Phytocomplexes and Isolated Compounds

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Message from the Guest Editor

Dear Colleagues,

Phytocomplexes' antimicrobial activity often result from several molecules acting in synergy, and the clinical effects may be due to direct effects against microorganisms and indirect effects on the host immune system. When the phytocomplex has a direct strong antimicrobial activity that is not maintained with any of the isolated compounds, it should be considered for nutraceutical purposes. In the other cases, the medicinal plant may provide novel drug leads with antimicrobial activity.

Accordingly, it is desirable to promote scientific research where modern methods are applied to herbal medicines to identify phytocomplexes and isolated compounds which are active against MDR microorganisms.

This Issue is gathering manuscript submissions to increase the knowledge about the effects of phytocomplexes against microorganisms and to augment the number of leads that may be further studied in order to obtain new antibiotics which are also active against MDR microorganisms. Submissions of studies about the antimicrobial effects of phytocomplexes and isolated compounds, are most welcome.

Keywords: MDR; antibiotics; phytocomplex; isolated compounds; polyphenols





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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 disciples 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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