Special Issue

Potential Antimicrobial Synergistic Interactions of Natural Products

Message from the Guest Editors

The emergence of antimicrobial resistance (AMR) poses a significant threat to global public health. Addressing this challenge requires innovative approaches, including the exploration of natural compounds and essential oils as potential antimicrobial agents. Moreover, the investigation of the synergistic effects of natural substances, endowed with antimicrobial activity, and antibiotics or non-antibiotic drugs represents a promising avenue for combating AMR. Topics may also include, but are not limited to, the following:

- In vitro and/or in vivo studies of natural compounds;
- The evaluation of natural products as potential anti-biofilm agents;
- The development of new delivery systems for natural products and/or their combination with synthetic compounds.

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"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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