

Special Issue

Development and Application of Plant Antimicrobial Substance—2nd Volume

Message from the Guest Editors

From ancient times to today, we have known the therapeutic properties of plants, so much so that for a long period of time plants have been considered an important source of natural products able to maintain human well-being. Especially in the last decade, many studies of natural therapies have been published. We would therefore first of all like to focus this Special Issue on the possibility of increasing their antimicrobial activity by examples such as the following:

- Technologies by which plant antimicrobials can be delivered
- Developing natural products as potential anti-biofilm agents
- Plant Antimicrobial Peptides (Laboratory and clinical studies have determined that resistance to AMPs is less likely than resistance to conventional antibiotics. This is due to the way their membrane-targeting mechanisms of action find it more difficult to develop resistance to antibiotics, which generally target macromolecular synthesis.

In addition to applications in human therapy, it would be interesting to include studies on their application in the food industry. Manuscripts that cover other fields of application of substances extracted from plants are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2023)



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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

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