



Microbial Natural Products as a Source of Novel Antimicrobials

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Message from the Guest Editors

Microbial natural products are molecules of significant interest in the development of novel antimicrobial agents. Over the last decades, there have been reports of some microbial secondary metabolites, such as antimicrobial peptides, bacteriocins, and mycocins, with potential application in the food, agriculture, and pharmaceutical industries.

It is crucial to fulfil the growing demand for more natural and eco-friendly biocides/preservatives applied in food products, crops, and cosmetics and to successfully achieve advancements in the development and implementation of novel less toxic, broad-spectrum antimicrobial agents.

Therefore, this Special Issue of *Antibiotics* seeks reviews, research papers, and short communications that can improve on the existing knowledge about microbial natural products with the potential to be an effective and less toxic alternative to the usual antibiotics, biocides, or chemical preservatives used nowadays. Thus, research related to the discovery of antimicrobial peptides, bacteriocins, and mycocins and their mode of action and application in food safety, food microbial control, agriculture, cosmetics, and human and animal health are welcomed.





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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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