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Antimicrobial Compounds from Microorganisms

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submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

Microorganisms have become an important source of new chemical substances with antimicrobial biological activities. A wide range of compound classes such as alkaloids, quinones, phenols, polyketides, and terpenoids have been reported from various sources of endophytic microorganisms, and some of these compounds have been evidenced to possess significant antimicrobial properties such as penicillin, the famous well-developed and marketed antibiotic that can be produced by endophytic fungi. The discovery and large-scale use of antibiotics have resulted in effective control of mortality from pathogen infections. However, the diversity of pathogens and their increasingly serious antibiotic resistance require the development of new antibiotics. Therefore, this Special Issue seeks manuscript submissions including antimicrobial compounds from microorganisms



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Special Issue



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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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