Special Issue

Natural Peptides to Combat Conventional Antibiotic Resistance

Message from the Guest Editors

Infection with antibiotic-resistant pathogens poses an ever-increasing threat to public health. The discovery of novel antibiotic agents and approaches for tackling the antimicrobial resistance crisis has received increasing global attention. Arthropods, amphibians, and reptiles may play an increasingly important role in the prevention and treatment of antibiotic-resistant infections, as many recently discovered compounds from these natural sources are able to prevent the growth of, or indeed kill, antibiotic-resistant pathogens. While the intrinsic complexity of natural-product-based drug discovery necessitates highly integrated interdisciplinary approaches, there is currently an urgent need for new approaches to identifying and using natural compounds as antibiotic agents. Therefore, this Special Issue seeks research articles focused on our current knowledge of and recent advances in bioactive molecules from natural sources for the prevention and treatment of antibiotic-resistant infections.

Guest Editors

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Prof. Dr. Tianbao Chen
Dr. Lei Wang

Deadline for manuscript submissions

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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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