

Special Issue

10th Anniversary of Antibiotics– Recent Advances in Antimicrobial Peptides

Message from the Guest Editors

The efficacy of antibiotics has been challenged in recent decades through the emergence of multidrug resistant bacteria and associated threat for humans and the other living organisms. Antibacterial peptides are part of the arsenal of host defense peptides that are present in a variety of more or less complex prokaryotic and eucaryotic life forms. Because of their particular antibacterial potential, they are currently emerging as candidate therapeutic drugs against both pathogenic Gram-positive and Gram-negative bacteria, including those resistant to conventional antibiotics. This Special Issue commemorating the 10th anniversary of the journal *Antibiotics* deals with all aspects of antibacterial peptides (from natural or non-natural sources), from their discovery to their evolution, structural/functional characterization, as well as their evaluation in clinical trials. Potential contributors from all countries are strongly encouraged to submit their works in this important field of scientific research.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2021)



Antibiotics

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Impact Factor 4.3
CiteScore 7.3
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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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