

Special Issue

Antibacterial Peptides

Message from the Guest Editor

Antibacterial peptides are part of the arsenal of host defense peptides that are present in a variety of “simple” and “complex” life forms, from prokaryotes to eucaryotes. Because of their particular antibacterial potential, they are currently emerging as candidate therapeutic agents against both pathogenic Gram-positive and Gram-negative bacteria, including those resistant to conventional antibiotics. This Special Issue deals with all aspects of antibacterial peptides (from natural or non natural sources), from their discovery to their structural/functional characterization, as well as their evaluation in clinical trials. Potential contributors are strongly encouraged to submit their work(s) in this important field of scientific research. **Keywords:** **Antimicrobial peptides; Antibacterial; Antibiotics; Structure-activity relationships; Bacterial resistance**

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2019)



Antibiotics

an Open Access Journal
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Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed



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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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