Special Issue

Editorial Board Members' Collection Series: Structure–Activity Relationship Studies on Antimicrobial Peptides

Message from the Guest Editor

Antibacterial peptides are host defense polypeptides that are present in various life forms from both prokaryotes to eucaryotes. Because of their unique antibacterial potential, these peptides are emerging as candidate chemotherapeutic drugs against more or less pathogenic Gram-positive and Gram-negative bacteria, including those resistant to conventional antibiotics. This Special Issue deals with the 'Structure–Activity Relationship Studies on Antimicrobial Peptides'. It includes the discovery of 'new' antimicrobial peptides and their structural and functional characterization, with a special focus on the intimate relationships between primary structure, 3D structure and bioactivity on microbes. Potential contributors are encouraged to submit their best research and/or 'in-depth' review articles dealing with this important research topic.

Guest Editor

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Deadline for manuscript submissions

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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 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.

Editor-in-Chief

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