



10th Anniversary of Antibiotics–Recent Advances in Antimicrobial Peptides

Guest Editors:

Dr. Jean-Marc Sabatier

Institute of
Neurophysiopathology (INP), Aix-
Marseille University, Faculté des
sciences médicales et
paramédicales, 27, Bd Jean
Moulin, 13005 Marseille, France

Prof. Dr. Zhijian Cao

1. State Key Laboratory of
Virology, College of Life Sciences,
Shenzhen Research Institute,
Wuhan University, Wuhan
430072, China
2. Key Laboratory of
Fermentation Engineering
(Ministry of Education), Hubei
University of Technology, Wuhan
430068, China

Deadline for manuscript
submissions:

closed (31 December 2021)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Nicholas Dixon

School of Chemistry and
Molecular Bioscience, University
of Wollongong, Wollongong, NSW
2522, Australia

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q1
(*General Pharmacology, Toxicology and Pharmaceutics*)

Contact Us

Antibiotics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/antibiotics
antibiotics@mdpi.com
[X@antibioticsmdpi](https://twitter.com/antibioticsmdpi)