



Antimicrobials Agents: Latest Advances and Prospects

Guest Editor:

Dr. Marius Stefan

BioActive Research Group,
Faculty of Biology, University
Alexandru Ioan Cuza of Iasi, Iasi,
Romania

Deadline for manuscript
submissions:

15 October 2024

Message from the Guest Editor

Dear Colleagues,

Antimicrobial resistance is considered by the World Health Organization to be one of the 10 global public health menaces facing humanity today, with serious medical, social and economic impacts. Therefore, finding new innovative and effective solutions to keep the pace with the antibiotic resistance developed by microbial pathogens is particularly challenging and represents an important objective of current biomedical research.

We welcome the submission on the most recent research in the discovery of new antimicrobials and strategies used to fight antimicrobial resistance. This Special Issue will provide new insights on the discovery of new antimicrobials and strategies used to fight antimicrobial resistance; in this way, fitting into the scope of *Antibiotics* (advances in research on new antibiotics; antibiotic resistance; qualitative and quantitative research exploring the determinants of antimicrobial use and resistance).

Keywords: multidrug-resistant pathogens; infectious diseases; antibiotic resistance; new antimicrobials; drug development; antimicrobial activity; structure–activity relationship (SAR); antimicrobial therapy





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 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.

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, CAPUS / 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)