

Special Issue

Microbial Drug Resistance Genes

Message from the Guest Editor

This Special Issue on "Microbial Drug Resistance Genes" encompasses all fields linked to pathogens' genes, genotypes and elements facilitating resistance to drugs, antibiotics and antimicrobial agents, including viral, protozoal, bacterial, fungal and algal pathogens. Particular consideration will be given to transdisciplinary research synthesizing molecular, cellular, microbiological, computational and epidemiological approaches to pathogen drug resistance. Studies assessing interactions among multi- and pan-drug resistance phenotypes and their genetic basis are encouraged, along with those examining the genomic and evolutionary context of mobilized, amplified or rearranged drug resistance genes. Lastly, papers bridging molecular diagnostics and surveillance of genetic elements associated with drug resistance would be appreciated.

Guest Editor

Dr. Tim Downing
Biotechnology, Dublin City University, Dublin, Ireland

Deadline for manuscript submissions

closed (31 July 2020)



Antibiotics

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/36413

Antibiotics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
antibiotics@mdpi.com

[mdpi.com/journal/
antibiotics](https://mdpi.com/journal/antibiotics)





Antibiotics

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed



[mdpi.com/journal/
antibiotics](https://mdpi.com/journal/antibiotics)



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

Prof. Dr. Nicholas Dixon
School of Chemistry and Molecular Bioscience, University of
Wollongong, Wollongong, NSW 2522, Australia

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 (Infectious Diseases) / CiteScore - Q1 (General Pharmacology, Toxicology and Pharmaceutics)