

## Special Issue

# Antimicrobial Resistance Mechanisms and Antimicrobial Resistance Genes of Pathogens, 2nd Edition

### Message from the Guest Editors

The first edition of the Special Issue “Antimicrobial Resistance Mechanisms and Antimicrobial Resistance Genes of Pathogens” was published in 2023: [https://www.mdpi.com/journal/antibiotics/special\\_issues/resistance\\_genes\\_antibiotics](https://www.mdpi.com/journal/antibiotics/special_issues/resistance_genes_antibiotics). It is a successful collection with nine excellent papers and has encouraged us to open a second edition with the same topic. As a continuation of the first Special Issue, this second edition aims to seek manuscript submissions that offer insights into the surveillance, epidemiology, biochemistry, genetics and genomics of antimicrobial resistance genes and associated mobile genetic elements.

### Guest Editors

Prof. Dr. Dongsheng Zhou

State Key Laboratory of Pathogen and Biosecurity, Beijing Institute of Microbiology and Epidemiology, Academy of Military Medical Sciences, Beijing, China

Dr. Zhe Yin

State Key Laboratory of Pathogen and Biosecurity, Beijing Institute of Microbiology and Epidemiology, Academy of Military Medical Sciences, Beijing, China

### Deadline for manuscript submissions

closed (15 November 2024)



## Antibiotics

an Open Access Journal  
by MDPI

Impact Factor 4.3  
CiteScore 7.3  
Indexed in PubMed



[mdpi.com/si/201325](https://www.mdpi.com/si/201325)

*Antibiotics*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[antibiotics@mdpi.com](mailto:antibiotics@mdpi.com)

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





# Antibiotics

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.3  
CiteScore 7.3  
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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1  
(General Pharmacology, Toxicology and Pharmaceutics)