



Frontier of Antibiotics in China

Guest Editors:

Prof. Dr. Fupin Hu

Prof. Dr. Rong Zhang

Prof. Dr. Min Li

Prof. Dr. Fangyou Yu

Deadline for manuscript
submissions:

closed (30 April 2023)

Message from the Guest Editors

The purpose of this topic is to understand the latest epidemiological characteristics of multidrug-resistant clinical strains in China, the mechanism of resistance to important antimicrobial agents and mutation mechanisms, and the progress of research on new antibiotics. This Research Topic will gather original research and review articles focusing on antimicrobial resistance. Potential topics include but are not limited to the following:

- Antimicrobial resistance: molecular epidemiology, evolution of novel mobilomes facilitating resistance gene transmission, and new detection methods;
- Discovery of novel antimicrobial resistance mechanisms;
- Surveillance studies conducted in healthcare facilities;
- Whole-genome sequencing (WGS) characterization of multidrug-resistant strains.

Keywords

- antimicrobial resistance
- molecular epidemiology
- whole-genome sequencing
- genetic environment





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

Contact Us

Antibiotics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/antibiotics
antibiotics@mdpi.com
X@antibioticsmdpi