

# Special Issue

## Frontier of Antibiotics in China

### 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

### 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)



## Antibiotics

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## 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.

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### Editor-in-Chief

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