

## Special Issue

# Antibiotic Use and Antimicrobial Treatment of Critical Infection and Sepsis

### Message from the Guest Editor

Critical infection in either community-acquired or hospital-acquired settings can lead to high morbidity and mortality. It can occur in any setting of communities or various levels of hospitals/departments. Other than early detection of these critical infections, early treatment with proper antibiotics or antimicrobial treatment is very crucial. Factors associated with antibiotic use or antimicrobial treatment during critical infection may also play an important role, such as pharmacokinetics, pharmacodynamics, genetic factors, or mechanisms of resistance of causative pathogens. This Special Issue seeks manuscript submissions related to antibiotic use and antimicrobial treatment of critical infection. The topics of interests are mainly antibiotic use and antimicrobial treatment in any setting of critical infections ranging from basic science to clinical science. The aim of this Special Issue is also to provide scientific data to improve outcomes of critical infection.

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### Guest Editor

Prof. Dr. Kittisak Sawanyawisuth

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### Deadline for manuscript submissions

closed (31 October 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

Prof. Dr. Nicholas Dixon  
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