Special Issue

Antibiotics, Antibiotic Alternatives, and Combination Antimicrobial Therapy

Message from the Guest Editors

Antibiotics play a significant role in treating and preventing infections caused by microbial agents if used precisely. However, due to the fast development of drug resistance, treatment becomes ineffective and risks the livelihood of humans and animals. To worsen the situation, the invention and production of new antibiotics are alarmingly at a low rate. Hence, the focus of this Special Issue, titled "Antibiotics, Antibiotic Alternatives, and Combination Antimicrobial Therapy" in the journal Pathogens is to promote studies that focus on the intervention mechanisms of antimicrobial resistance. provide alternatives to the currently available antimicrobials, study the integration of pharmacokinetics and pharmacodynamics, including the efficacy and dosage formulation of the currently available antibiotics, and combination therapies, which are effective against drug-resistant pathogens.

Guest Editors

Prof. Dr. Seung-Chun Park

Department of Pharmacology, College of Veterinary Medicine, Kyungpook National University, Daegu 41566, Republic of Korea

Dr. Biruk Tesfaye Birhanu

Laboratory of Veterinary Pharmacokinetics and Pharmacodynamics, College of Veterinary Medicine, Kyungpook National University, Daegu 41566, Korea

Deadline for manuscript submissions

closed (20 December 2022)



Pathogens

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 6.8 Indexed in PubMed



mdpi.com/si/74556

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

mdpi.com/journal/pathogens





Pathogens

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 6.8 Indexed in PubMed



About the Journal

Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

Prof. Dr. Hinh Ly

Department of Veterinary and Biomedical Sciences, College of Veterinary Medicine, University of Minnesota, Saint Paul, MN 55108, USA

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, MEDLINE, PMC, Embase, PubAg, CaPlus / SciFinder, AGRIS. and other databases.

Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Infectious Diseases)

