

Special Issue

Epidemiology and Molecular Pathogenesis of Antimicrobial Resistance and Virulence for Foodborne Pathogens: 2nd Edition

Message from the Guest Editors

Foodborne diseases are an important public health problem worldwide and have an important impact on trade, travel, and development. Globally, foodborne diseases are still not under control, and outbreaks can cause health problems and economic losses. The causes are unhygienic practices in food production, harvesting, and preparation. There are several foodborne pathogens causing diseases, among which the significant ones are *Campylobacter*, Nontyphoidal salmonella, Shiga toxin-producing *Escherichia coli*, *Colostredium*, and *Listeria*. This Special Issue will cover a wide range of topics focusing on the epidemiology and molecular pathogenesis of AMR and the virulence of different foodborne pathogens. The aim is to help enhance our current knowledge of these pathogens and their respective diseases. All types of articles will be considered for publication, including short reports, primary research articles, and reviews. We look forward to receiving your contribution.

Guest Editors

Dr. Yasser Sanad

Dr. Steven Foley

Dr. Mohamed K. Fakhr

Deadline for manuscript submissions

closed (31 July 2025)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/203135

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

[mdpi.com/journal/
pathogens](https://mdpi.com/journal/pathogens)





Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



[mdpi.com/journal/
pathogens](https://mdpi.com/journal/pathogens)



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 & Biomedical Sciences, University of Minnesota, Twin Cities, MN, 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)