

## Special Issue

# Waterborne Pathogens and Their Surrogates: Detection, Inactivation and Challenges

### Message from the Guest Editors

The majority of waterborne disease outbreaks associated with recreational use of untreated waters are caused by pathogenic microorganisms including bacteria, parasites, and viruses, yet direct monitoring strategies for waterborne pathogens remain technically challenging, and in some cases not feasible. We are excited to announce the launch of a new Special Issue titled “Waterborne Pathogens and their Surrogates: Detection, Inactivation and Challenges”. The focus of the Special Issue includes but is not limited to 1) occurrence of waterborne pathogens in ambient waters and wastewater, 2) methodological advances in waterborne pathogen detection and quantification, and 3) explorations of the waterborne pathogen relationship with various indicator organisms, including their inactivation properties. We welcome original research articles, literature reviews and a limited number of other communications, including perspectives and opinions.

### Guest Editors

Dr. Asja Korajkic

Dr. Warish Ahmed

Dr. Brian R. McMinn

### Deadline for manuscript submissions

closed (30 April 2023)



## Pathogens

an Open Access Journal  
by MDPI

Impact Factor 3.3  
CiteScore 6.8  
Indexed in PubMed



[mdpi.com/si/140329](https://mdpi.com/si/140329)

*Pathogens*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[pathogens@mdpi.com](mailto: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)