

Special Issue

Food- and Waterborne Viruses: Detection and Inactivation

Message from the Guest Editors

Viruses, especially enteric viruses, frequently cause food- and waterborne disease outbreaks. The root source for the contamination of food or water is often sewage, since humans excrete vast numbers of viruses in their faeces. A typical characteristic of these viruses is their stability in the environment and food. Food- and waterborne viruses cause various symptoms, and a small number of viruses is enough to infect humans. Persons infected with noroviruses that cause diarrhoea and vomiting often excrete viruses for a couple of weeks after the disappearance of their symptoms or they can be symptomless, and thus pose a challenge for food safety. We have still knowledge gaps in the context of the detection and inactivation of food- and waterborne viruses. We need more data on how long viruses survive in food and water and how to efficiently remove viruses using wastewater treatment. We welcome original articles, reviews, mini-reviews, and outbreak studies for food- and waterborne viruses, not excluding other viruses found in sewage.

Guest Editors

Dr. Leena Maunula

Dr. Sandra Martin-Latil

Dr. Gloria Sanchez

Deadline for manuscript submissions

closed (31 January 2024)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/167144

Pathogens

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 6.4
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, PMC, Embase, PubAg, CaPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q2 (General Immunology and Microbiology)