

Special Issue

Advances in Animal Vector-Borne Diseases

Message from the Guest Editors

Animal vector-borne diseases represent a major threat to both domestic animals and wildlife, with significant implications for animal health, biodiversity, and public health. In addition to the spread of well-known agents, recent years have witnessed the emergence of new vectors in Europe, such as the invasive *Aedes albopictus* mosquito and *Hyalomma* ticks, as well as the introduction or re-emergence of pathogens including West Nile virus, Bluetongue virus, and *Leishmania infantum*. The occurrence and spread of vector-borne diseases in nature depend on complex and dynamic interplay between pathogens, vectors, and animal hosts, further influenced by ecological and environmental changes. Understanding these interactions is crucial for developing effective surveillance, prevention, and control strategies to mitigate their impacts on animal health, human well-being, biodiversity, and economic stability.

Guest Editors

Dr. Ana Vasic

Scientific Institute of Veterinary Medicine of Serbia, Janina Janulisa 14, 11000 Belgrade, Serbia

Dr. Luanda Elena Oslobanu

Faculty of Veterinary Medicine, Iași University of Life Sciences, 700490 Iași, Romania

Deadline for manuscript submissions

closed (31 March 2026)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/253595

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. Moriya Tsuji

School of Engineering Medicine, Texas A&M University, 2121 West
Holcombe Blvd., Suite 1007, Houston, TX 77030, 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)