



## Animal Vector-Borne Diseases

Guest Editor:

**Prof. Dr. Maria Grazia Pennisi**

Dipartimento di Scienze  
Veterinarie, Università di Messina,  
Messina, Italy

Deadline for manuscript  
submissions:

**closed (31 March 2022)**

### Message from the Guest Editor

Animal vector-borne diseases are a multifaceted global threat due to the public health risk in the case of zoonotic pathogens, the economic impact on animal productions, the serious consequences on companion animal health, and the adverse effects for wildlife conservation. Additionally, climatic change, and ecological, demographic, and socioeconomic drivers, including globalization, are causing the emergence and spread of many vector-borne pathogens worldwide.

This explains the great interest in increasing current knowledge about epidemiology; vector and host species; transmission; reservoirs; protective immunity; immunopathogenesis; the risk factors influencing the severity and course of disease, clinical, and clinicopathological findings; and the diagnosis, management, treatment, and prevention of viral, bacterial, protozoal, and helminthic animal vector-borne diseases.

This Special Issue aims to collect studies performed in the Veterinary and One Health field focusing on the above topics and offer a multidisciplinary asset for the scientific community. We invite you to submit your manuscripts to share and spread your scientific findings!





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Hinh Ly

Department of Veterinary &  
Biomedical Sciences, University  
of Minnesota, Twin Cities, MN,  
USA

## 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.

## 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*)

## Contact Us

---

Pathogens Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/pathogens](http://mdpi.com/journal/pathogens)  
[pathogens@mdpi.com](mailto:pathogens@mdpi.com)  
[X@Pathogens\\_MDPI](https://twitter.com/Pathogens_MDPI)