

## Special Issue

# Wild Animals and Infectious Diseases: From Wildlife Conservation to a Public Health Challenge

### Message from the Guest Editor

The interface between wild and domestic animals is dynamic and bidirectional, and pathogens are freely transmitted within and between wildlife and livestock species. This process is favored by an indirect contact in a common environment, through the use of shared resources such as pastures, vectors, etc. Moreover, biodiversity loss and habitat fragmentation can play a key role in the spread of zoonotic diseases and in the alteration of the interface between wild and domestic animals. Therefore, it is necessary to face this situation in the context of One Health, which emphasizes interdisciplinary collaboration and highlights the indivisible nature of health and disease in humans and animals. The purpose of this Special Issue is to improve the knowledge of these interfaces and to clarify the role of wildlife in the transmission and maintenance of infectious diseases in an animal and human population. These results will be useful to design, refine, and adapt surveillance strategies to better monitor diseases at the interface between fauna and livestock.

---

### Guest Editor

Dr. Serena Montagnaro

Department of Veterinary Medicine and Animal Productions, University of Naples, Via Delpino 1, 80137 Naples, Italy

---

### Deadline for manuscript submissions

closed (30 November 2021)



## Animals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/53012](https://mdpi.com/si/53012)

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

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





# Animals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 5.2  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

*Animals* is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

---

### Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, Western Australia 6102, Australia
  2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia
- 

### 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, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

#### Journal Rank:

JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)