

# Special Issue

## Animal Viruses in the Pandemic Era

### Message from the Guest Editors

The incredible versatility and variability of animal viruses developing different strategies to survive and thrive will be the topic of this special issue. We invite authors to submit original research articles, short communications, perspectives, and reviews focusing on viral coping strategies in animal/human populations, including replication mechanisms, host immune response and their translational aspects for intervention strategies to break the disease patterns and transmission cycles, with emphasis on animal coronaviruses as inescapable hot topic. We encourage manuscripts describing new aspects of the ecology and epidemiology of animal viruses, as well as defining containment and intervention strategies, including vaccines and antivirals, that may represent brilliant models of infectious disease intervention. This collection aims at identifying successful and valid strategies that sustain health of livestock and companion animals in the context of their interaction with humans within the One Health perspective.

### Guest Editors

Dr. Giulia Dowgier

Infection and Immunity, University College London, Cruciform Building  
3.3, 90 Gower Street, London, UK

Dr. Rosina Ehmann

Bundeswehr Institute of Microbiology, 80937 Munich, Germany

### Deadline for manuscript submissions

closed (31 March 2022)



## Animals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/68438](https://mdpi.com/si/68438)

*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. Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
2. Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, 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)