

## Special Issue

# Advances in Molecular Diagnostics in Veterinary Sciences

### Message from the Guest Editors

Molecular techniques are pivotal for rapid veterinary diagnostics. Advances like PCR, CRISPR, and next-generation sequencing enable precise detection of viral, bacterial, protozoal infections, and genetic disorders in pets, livestock, and wildlife. As animal diseases often pose zoonotic risks and transboundary threats—causing significant economic losses—sensitive diagnostic tools are crucial for timely intervention to safeguard animal and public health. This Special Issue highlights the latest molecular diagnostic innovations in veterinary science. We invite original research and review papers offering new insights into molecular approaches for diagnosing infectious diseases in animals.

---

### Guest Editors

Dr. Ailam Lim

Wisconsin Veterinary Diagnostic Laboratory, Department of Pathobiological Sciences, University of Wisconsin-Madison, Madison, WI, USA

Dr. Lifang Yan

Mississippi Veterinary Research & Diagnostic Lab, Department of Pathobiology and Population Medicine, College of Veterinary Medicine, Mississippi State University, Pearl, MS, USA

---

### Deadline for manuscript submissions

30 June 2026



## Animals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/238171](https://mdpi.com/si/238171)

*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)