

## Special Issue

# Veterinary Microbiology & Parasitology

### Message from the Guest Editor

Microorganisms and multicellular parasites are important to animal health and wellbeing and animal production. Many viruses, prokaryotic (archaea and bacteria) and eukaryotic (fungi and protozoa) species, and macroscopic parasites are pathogens and can cause serious disease in farm and companion animals. On the other hand, many microorganisms are beneficial to their animal host. For example, rumen microbes are responsible for biotransformation of plant fiber to short chain fatty acids. Moreover, certain parasites, such as *Trichuris suis*, while harmful to the animal host, have been shown to possess therapeutic potential to cure human disease. We invite you to submit your review articles and original research covering a broad range of topics in veterinary microbiology and parasitology. Areas of particular interest include but are not limited to: Animal disease and climate change; Animal wellbeing; Antibiotics resistance and agriculture; Host–pathogen interactions; Microbiome and animal production; Novel approaches to vaccine development; Novel diagnostics tools; Trends in veterinary parasitology

### Guest Editor

Dr. Robert W. Li

USDA, Agricultural Research Service, Animal Parasitic Diseases Laboratory, Beltsville, MD 20705, USA

### Deadline for manuscript submissions

closed (30 November 2020)



## Animals

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

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## 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.

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### 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

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