

## Special Issue

# Immune Strategies and Vaccine Development against Veterinary Virus Infection

### Message from the Guest Editors

This Special Issue focuses on recent research progress in vaccine development, immune strategies, host immune responses, and host–virus interaction in livestock and companion animals. It will provide an opportunity to share evolving knowledge on veterinary immunology and vaccinology of infectious diseases to scholars working in this area. This Special Issue will also consider the developing knowledge on the unexplored area of host–virus interaction for potential intervention methodologies and other immune-related aspects of veterinary viruses. For this Special Issue of *Vaccines*, original research articles, reviews and systematic reviews are welcome for submission. Research areas include, but are not limited to, the immune responses to viral infections of veterinary interest, the development of vaccines, vaccine adjuvants, vaccine delivery systems, vaccine responses in the host, and novel approaches to induce protective innate and adaptive immune responses in the host. We look forward to receiving your contributions.

### Guest Editors

Dr. Jegarubee Bavananthasivam

Human Health Therapeutics, National Research Council Canada, 100 Sussex Dr., Ottawa, ON K1A 0R6, Canada

Dr. Tamiru Alkie

National Centre for Foreign Animal Disease, Canadian Food Inspection Agency, 1015 Arlington St., Winnipeg, MB R3E 3P6, Canada

### Deadline for manuscript submissions

closed (28 February 2025)



## Vaccines

an Open Access Journal  
by MDPI

Impact Factor 3.4  
CiteScore 9.9  
Indexed in PubMed



[mdpi.com/si/184539](https://mdpi.com/si/184539)

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

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





# Vaccines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 9.9  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

*Vaccines* (ISSN 2076-393X) has had a 6-year history of publishing peer-reviewed state of the art research that advances the knowledge of immunology in human disease protection. Immunotherapeutics, prophylactic vaccines, immunomodulators, adjuvants and the global differences in regulatory affairs are some of the highlights of the research published that have shaped global health. Our open access policy allows all researchers and interested parties to immediately scrutinize the rigorous evidence our publications have to offer. We are proud to present the work and perspectives of many to contribute to future decisions concerning human health.

---

### Editor-in-Chief

Prof. Dr. Ralph A. Tripp

Department of Infectious Diseases, College of Veterinary Medicine,  
University of Georgia, Athens, GA 30602-7387, USA

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Medicine, Research and Experimental) /  
CiteScore - Q1 (Pharmacology (medical))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.6 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).