



Vaccination against Infectious Diseases in Livestock

Guest Editors:

Prof. Dr. Harm HogenEsch

Department of Comparative Pathobiology, College of Veterinary Medicine, Purdue University, West Lafayette, IN, USA

Dr. Jodi McGill

Department of Veterinary Microbiology and Preventative Medicine, Iowa State University, Ames, IA, USA

Prof. Dr. Joram Buza

Nelson Mandela African Institution of Science and Technology, Arusha, Tanzania

Deadline for manuscript submissions:

closed (31 March 2024)

Message from the Guest Editors

Dear Colleagues,

Livestock are a major source of protein needed to feed a growing global population and are important for the livelihood of many people in lower and middle-income countries. Vaccination is a critical strategy for the control of infectious diseases that threaten the health and well-being of food animals. Vaccination of livestock is also a major One Health issue as it helps to prevent the spread of zoonotic diseases and is a tool to reduce the use of antibiotics. This special issue of *Vaccines* explores recent advances in the development of vaccines for livestock and highlights new vaccine technologies, the application of nanotechnology in the delivery and formulation of vaccines, and the use of alternative routes of vaccination through a combination of original papers and reviews. A special emphasis is placed on diseases of zoonotic and economic importance.

Prof. Dr. Harm HogenEsch

Dr. Jodi McGill

Prof. Dr. Joram Buza

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Ralph A. Tripp

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

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.

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, CAPlus / SciFinder, and other databases.**

Journal Rank: JCR - Q1 (Immunology) / CiteScore - Q1 (Pharmacology (medical))

Contact Us

Vaccines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/vaccines
vaccines@mdpi.com