

Special Issue

Vaccination Against Major Respiratory Pathogens in Livestock Farming

Message from the Guest Editor

Respiratory pathogens are a serious problem for the livestock industry, causing economic losses. Vaccinations for sows and piglets can help control some respiratory disorders, but they do not work well against viral pathogens like porcine reproductive respiratory syndrome virus (PRSSV), porcine circoviruses, and some bacterial pathogens like *Streptococcus suis*. Several factors can affect vaccine efficacy, including pathogen diversity, antigen matching between vaccine and field strains, diversity of maternal antibodies, and timing and route of vaccination. This Special Issue aims to review recent progress in analyzing the effectiveness of current and new vaccines against respiratory infections in animals caused by viral and bacterial pathogens. We welcome original articles, review articles, and research reports for this Special Issue. Research areas may include recent developments in vaccine generation against respiratory diseases, vaccination trials in controlled and natural conditions, immune responses to vaccines, coverage and safety issues, and vaccination strategies. We look forward to receiving your contributions.

Guest Editor

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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.

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