

Special Issue

Transforming Veterinary Vaccinology: From Empirical Immunity to Scientific and Systems-Based Approaches

Message from the Guest Editors

This Special Issue aims to highlight the evolving landscape of veterinary vaccinology within the scope of the journal, *Vaccines*, by addressing not only cellular and humoral immunity-based approaches but also the simultaneous induction of systemic and mucosal immunity and, importantly, their experimental and multidimensional validation through advanced immune profiling. Topics of interest include the following: - Vaccine antigen discovery and characterization using AI-based epitope prediction, omics-driven host-pathogen interactions, and experimental efficacy validation; - Development and evaluation of traditional and next-generation vaccine platforms; - Multidimensional immune response profiling and identification of correlates of protection, with an emphasis on the biological validation of vaccine candidates following their design; - Field application studies and efficacy assessments of new veterinary vaccines; - Comparative vaccinology exploring immunological differences across various animal species; - Tailored vaccine strategies by species or disease. We look forward to receiving your contributions.

Guest Editors

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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.

Editor-in-Chief

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