Special Issue

Animal Vaccines

Message from the Guest Editors

Scientists have attempted to use different kinds of novel technologies in animal vaccine development. Since the regulatory requirements of clinical trials for animal products are shorter than those in human vaccines, novel technologies are easier to commercialize in animal vaccine products. Many bacterial and eukaryotic cell-expressed recombinant proteins and viral vectors have been used for decades, and many kinds of immune potentiating materials, such as peptides, proteins, polymers, and emulsified oils, have been used in adjuvants. Biosafety and high immunization efficacy are the basic requirements of a vaccine. However, easily immunizing operation and low manufacturing cost are also essential for a successful animal vaccine product. This Special Issue will not only include novel antigen or adjuvant design but also cover large-scale production and manufacturing improvement technologies.

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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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