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Viral Vector-Based Vaccines: Current and Future Perspectives

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Message from the Guest Editor

Viral vectors are one of the most successful platforms for vaccines and gene therapy. Many types of viruses are developed as vaccine and gene therapy vectors for the past several decades. Viral vector-based vaccines can be either non-replicating or replicating. Currently, against the COVID-19 pandemic, many viral vector-based vaccines are under development, and few are authorized to use.

This special issue of vaccines will focus on the current research, application, development, and challenges ahead with viral vector-based vaccines in the context of antigen expression, immunogenicity, delivery, protection, safety, and manufacturing. Articles on viral vectors that are also used as gene therapy are also welcome in this issue.

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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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