



Viral Vector-Based Vaccines: Current and Future Perspectives

Guest Editor:

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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), founded in 2013, now has a firm history of publishing peer-reviewed, state-of-the-art research papers on vaccines and vaccination in the broadest sense. Areas covered include, but are not limited to, novel and emerging vaccine technologies, building on in-depth knowledge of what constitutes a protective immune response. These can be new vaccines for old diseases, or old vaccines for new diseases. Vaccines against cancer and autoimmune diseases explicitly are also within the scope of the journal. Because public opinion and even government policies towards vaccines and vaccination have changed, vaccine policy and public health issues are major concerns. Climate change will also have an impact on the spread of infectious diseases, and thus also on vaccine and vaccination policies worldwide.

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