

## Special Issue

# Application of Viral Vectors for Vaccine Development

### Message from the Guest Editor

In the quest to develop novel vaccines, DNA, mRNA, and viral vector platforms have been employed. Both traditional and genetically engineered vaccines have contributed to the control of infectious disease pandemics, such as COVID-19. However, viral vectors, which can induce robust responses, have attracted increased attention in recent years. Viral vector vaccines have been applied in both pre-clinical and clinical trials as vaccines against a variety of infectious diseases, such as HIV-1, and SARS-CoV-2, etc. This Special Issue will provide a platform through which to discuss provision of enhanced vaccine designs, research works, and experimental results regarding the development of viral vector vaccines for both infectious and non-infectious diseases. We are pleased to invite you to contribute to this Special Issue with original research articles and reviews that focusing topics that include the following:

- Viral vector vaccine development and efficacy evaluation
- Vaccine technology
- Cancer vaccine
- Multiple vaccine technological platforms
- Protective mechanisms
- Immune response to vaccines

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### Guest Editor

Prof. Dr. Fei Guo

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### Deadline for manuscript submissions

closed (1 May 2024)



## Vaccines

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Ger Rijkers

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### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Medicine, Research and Experimental) /  
CiteScore - Q1 (Infectious Diseases)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).