

## Special Issue

# Immunotherapy and Vaccine Development for Viral Diseases

### Message from the Guest Editors

Antiviral therapy through vaccines has saved countless lives and kept outbreaks and pandemics like smallpox, influenza and COVID-19 under check. The immune system can target any pathogen, yet we still become infected with novel infectious agents throughout our lives. An exhaustive catalog of factors from hosts and pathogens that underpin whether an infection triggers or suppresses an immune response is needed to facilitate targeted therapy and reliable prognosis. In addition to reports on vaccine discovery and development, we seek basic research on the roles of viral proteins in immune response during infection and the cellular machineries these viral proteins regulate in reproduction, virulence and dormancy for improved vaccine and immunotherapies. Submissions on the discovery, development and reviews of biologics like the antibodies used in immunotherapy will also be considered for inclusion in this Special Issue. Reports on small molecules and natural products that facilitate immune activation or suppression during viral infections are also welcome.

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### Guest Editors

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### Deadline for manuscript submissions

closed (28 February 2025)



## 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) /  
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#### 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).