



Safety, Efficacy and Optimization of the COVID-19 Vaccines

Guest Editor:

Dr. Qing Ye

1. The Children's Hospital, Zhejiang University School of Medicine, Hangzhou 310052, China
2. National Clinical Research Center for Child Health, Hangzhou 310052, China
3. National Children's Regional Medical Center, Hangzhou 310052, China

Deadline for manuscript submissions:
closed (30 November 2023)

Message from the Guest Editor

Dear Colleagues,

Among the means of public health intervention, vaccination is both the most effective and cost-effective, with profound implications. The epidemic situation slows down with the emergency use of multiple COVID-19 vaccines; however, the validity of vaccines is being challenged by the constant emergence of new variants. Meanwhile, the safety in mass vaccination remains to be determined because of the short time-on-market of the vaccines. Therefore, there is still a long way to go to extinguish the COVID-19 epidemic.

In this Special Issue, we aim to seek a better vaccine design scheme and optimize vaccination strategies by summarizing the influencing factors that impact the safety and efficacy of the different vaccines (inactivated vaccines, adenovirus-vectored vaccines, and nucleic acid vaccines), including design principle, production flow, storage and transportation, vaccination modalities, vaccinated subjects and so on. Multiple types of paper are included in this issue, including articles, reviews, case reports, letters and so on.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Ger Rijkers

Department of Health, Cognition
and Behavior, University College
Roosevelt, 4331 CB Middelburg,
The Netherlands

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.

Author Benefits

Open Access: free for readers, with **article processing charges (APC)** paid by authors or their institutions.

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 (Pharmacology (medical))

Contact Us

Vaccines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/vaccines
vaccines@mdpi.com
[X@Vaccines_MDPI](https://twitter.com/Vaccines_MDPI)