



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. Ralph A. Tripp

Department of Infectious
Diseases, College of Veterinary
Medicine, University of Georgia,
Athens, GA 30602-7387, USA

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.

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 - Q1 (Immunology) / 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