

Special Issue

Safety, Efficacy and Optimization of the COVID-19 Vaccines

Message from the Guest Editor

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.

Guest Editor

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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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