



COVID-19: Epidemiology and Transmission

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Message from the Guest Editors

Vaccination is considered the most promising way to end the COVID-19 pandemic while restoring social activities.

A collective global effort has been invested into the vaccination against SARS-CoV-2. As of December 2021, eight vaccines have been approved for use by WHO whilst over 300 vaccine candidates are under (pre-)clinical development. As a result, vaccination campaigns have been carried out in many countries while the coverage varies greatly. While the vaccination has been proven to significantly reduce the development of severe symptoms after infection from the original and certain mutated strain of the virus, the emergence of new mutated strains would potentially disrupt such protection, for example, Omicron.

In this Special Issue, all studies and reviews that can shed new light on the mechanisms, storage, efficiency, dosage specification, and side effects of COVID-19 vaccines, or those that can elucidate the vaccination strategies in the context of limited vaccination capacity and the effect of vaccines in the transmission, are all welcome.





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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.

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