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Antibody Response Studies on SARS-CoV-2 Vaccine

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Message from the Guest Editor

Since the beginning of the COVID-19 pandemic many anti-SARS-CoV-2 vaccine platforms have been developed and used. Anti-SARS-CoV-2 vaccines have significantly reduced the morbidity and mortality associated with this viral infection. Unfortunately, a short-term decline in antibody titer and the emergence of new variants of concern appear to reduce vaccine efficacy and have re-exposed the vaccinated population to COVID-19. Today, there are many data regarding anti-SARS-CoV-2 vaccination in the literature, but many questions remain among them:

- What are the long-term kinetics of antibody titer?
- What is the best vaccination schedule to optimize the immune response?
- Can we define a neutralizing antibody threshold or a protective antibody titer to guide vaccine strategy?
- What strategies should be adopted in immunocompromised patients in order to improve the vaccine response?
- What is the effectiveness of new vaccines, such as recombinant protein vaccines or intranasal vaccines?
- What are the short- and long-term vaccine antibody responses in children?

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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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