



Antibody Response Studies on SARS-CoV-2 Vaccine

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Deadline for manuscript submissions:

closed (15 August 2022)

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

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