

Special Issue

Immune Responses to SARS-CoV-2 Infection and Vaccination

Message from the Guest Editor

The COVID-19 pandemic has caused unprecedented health crises and economic losses worldwide. The SARS-CoV-2 variants evolved with escape mutations and have led to the occurrence of several COVID-19 surge peaks in the past. While the virus continues to evolve with escape mutations, understanding the immune response and antigen recognition to SARS-CoV-2 variants are urgently needed for next-generation vaccine design. This Special Issue aims to understand viral entry mechanisms, immune responses, and antigen recognition in the context of SARS-CoV-2 variants and how broad-spectrum immunity can be archived with current knowledge. We are hoping this Special Issue provides information on developing antibody therapeutics and next-generation vaccine design. We are pleased to invite you to present your latest research, perspectives, communications, and reviews to this Special Issue. All immune-related themes regarding SARS-CoV-2 and other related coronaviruses will be considered. However, we are particularly interested in understanding adaptive immune responses to SARS-CoV-2 infection, vaccination, and other related coronaviruses.

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.

Editor-in-Chief

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