



Monoclonal Antibody Research in the Era of COVID-19

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Message from the Guest Editor

A monoclonal antibody is an antibody originating from a unique B cell lineage, binding only to the same epitope with high affinity for its target. Over the years, monoclonal antibodies have been used or heavily investigated for their potential role against many diseases, including bacterial and viral infection and cancer. Likewise, antibody-based therapy alone or in combination with other treatments has been demonstrated to be effective for both the early and late stages of SARS-COV-2 infection in the past three years.

In this Special Issue, we invite reviews, research papers, and clinical trial applications elaborating on mechanisms whereby monoclonal antibodies act directly and indirectly against various SARS-COV-2 variants and developing strategies and technologies for antibody engineering related to COVID-19 to enhance immune protection. Additionally, new combinations of multiple monoclonal antibodies targeting different antigens or bispecific antibodies to overcome the viral escape phenomenon are of interest.





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Message from the Editor-in-Chief

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