

Special Issue

Recent Advances in Antibody Therapeutics 2.0

Message from the Guest Editor

Antibody-based therapeutics have achieved unprecedented success for the treatment of various diseases including cancer, immune disorders, and infectious diseases. The recent success in immune checkpoint inhibitors and chimeric antigen receptor T cells (CAR-T) has provided a major breakthrough in cancer immunotherapy. Therapeutic antibodies are also expected to play a role in the prevention and treatment of the coronavirus pandemic (COVID-19).

Currently, a major area of antibody research and development includes the discovery of novel targets and novel antibodies, gradual improvements in the characteristics of the existing antibodies, combining antibodies such as bispecific antibodies, antibody–drug conjugates (ADC), CAR-T cells, bispecific T-cell engagers (BiTE), and developing novel antibody-based scaffolds with superior properties to those already in use.

This Special Issue will cover all aspects of the role and mechanism of antibody-based therapeutics in disease treatment, recent advances in antibody engineering, and noteworthy antibody-based products under investigation for treating various diseases. Original papers and review articles are welcomed.

Guest Editor

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