

Contents

<i>Contributors</i>	<i>vii</i>
1. Antibody-mediated immunity to SARS-CoV-2 spike	1
John M. Errico, Lucas J. Adams, and Daved H. Fremont	
1. The SARS-CoV-2 pandemic	2
2. Overview of SARS-CoV-2	3
3. Monoclonal antibodies targeting the receptor-binding domain of spike	12
4. Monoclonal antibodies to the N-terminal domain of spike	28
5. Monoclonal antibodies targeting S2	40
6. Conclusions	46
Acknowledgments	46
Disclosures	47
References	47
2. The role of B cells in the development, progression, and treatment of lymphomas and solid tumors	71
Jennifer K. Lue, Stephanie Downs-Canner, and Jayanta Chaudhuri	
1. Overview of B cell development and differentiation	72
2. B cells in solid tumors	75
3. Pathogenesis of B cell lymphomas	90
4. Conclusion	100
References	100