

Contents

Resistance to Anticancer Antibodies: From Mechanisms to Solutions	1
Lina Reslan and Charles Dumontet	
Tumor Antigen-Specific Monoclonal Antibody-Based Immunotherapy, Cancer Initiating Cells and Disease Recurrence	25
Yangyang Wang, Francesco Sabbatino, Ling Yu, Elvira Favoino, Xinhui Wang, Matteo Ligorio, Soldano Ferrone, Joseph H. Schwab and Cristina R. Ferrone	
Overcoming Resistance to Therapeutic Antibodies by Targeting Fc Receptors	49
Emily L. Williams, Sean H. Lim, Stephen A. Beers, Peter W. Johnson, Jonathan C. Strefford, Martin J. Glennie and Mark S. Cragg	
Understanding the Mechanisms of Resistance to Rituximab: Paving the Road for the Development of Therapeutic Strategies to Overcome Rituximab-Resistance	73
Francisco J. Hernandez-Ilizaliturri and Myron S. Czuczman	
Tumor Resistance to Antibody-Mediated Immunotherapy and Reversal of Resistance: Rituximab as Prototype	93
Benjamin Bonavida	
Resistance to the Anti-EGFR Therapy, Beyond KRAS, in Patients with Metastatic Colorectal Cancer	125
Zacharenia Saridaki and John Souglakos	

Overcoming Resistance of Melanoma to Immunotherapy with Monoclonal Antibodies Against Checkpoints Inhibitors	143
Peter Hersey, Stuart Gallagher and Branka Mijatov	
Strategies to Overcome TRAIL Resistance in Cancer	157
Simone Fulda	
Unnatural Amino Acid Antibody Conjugates as Next Generation Biologics	167
Vaughn Smider	
Antibody-Drug Conjugates: Can Coupling Cytotoxicity and Specificity Overcome Therapeutic Resistance?	183
Penelope M. Drake and David Rabuka	
Index	201

Resistance to Immunotherapeutic Antibodies in Cancer
Strategies to Overcome Resistance

Bonavida, B. (Ed.)

2013, XIII, 202 p., Hardcover

ISBN: 978-1-4614-7653-5