

Contents

1	Introduction to Pediatric Cancer Immunotherapy	1
	Aurélien Marabelle and Claudia Rossig	
2	Overcoming Immune Suppression in the Tumor Microenvironment: Implications for Multi-modal Therapy	13
	Theodore S. Johnson and David H. Munn	
3	Allogeneic Stem Cell Transplantation	39
	Patrick Schlegel, Christian Seitz, Peter Lang, and Rupert Handgretinger	
4	Overview of Monoclonal Antibody Therapies	65
	Juliet C. Gray and Paul M. Sondel	
5	Monoclonal Antibodies Targeting Hematological Malignancies	79
	Matthew J. Barth, Jessica Hochberg, Nader Kim El-Mallawany, and Mitchell S. Cairo	
6	Monoclonal Antibodies Directly Targeting Antigens on Solid Tumours	117
	Holger N. Lode	
7	Monoclonal Antibodies Targeting the Immune System	141
	Véronique Minard-Colin	
8	Adoptive T Cell Therapies for Children's Cancers	161
	Jonathan Fisher and John Anderson	
9	NK Cell and NKT Cell Immunotherapy	175
	Kenneth DeSantes and Kimberly McDowell	
10	Cancer Vaccines in Pediatrics	217
	Miho Nakajima and Shakeel Modak	

11 Immune Adjuvants and Cytokine Therapies	243
Vito Pistoia, Ignazia Prigione, and Lizzia Raffaghello	
12 Immune Biomarkers in Paediatric Malignancies	259
Michaela Semeraro, Claudia Pasqualini, and Nathalie Chaput	
13 Future Perspectives	275
Aurelien Marabelle and Juliet C. Gray	
Index	291

Immunotherapy for Pediatric Malignancies

Gray, J.C.; Marabelle, A. (Eds.)

2018, IX, 297 p. 29 illus., 27 illus. in color., Hardcover

ISBN: 978-3-319-43484-1