1. Record Nr. UNINA9910983487403321 Autore Liu Wanli **Titolo** B Cell Activation in Biology and in Disease / / edited by Wanli Liu, Yingyue Zeng Singapore:,: Springer Nature Singapore:,: Imprint: Springer,, 2025 Pubbl/distr/stampa 9789819610273 **ISBN** 9819610273 Edizione [1st ed. 2025.] Descrizione fisica 1 online resource (126 pages) Altri autori (Persone) ZengYingyue Disciplina 616.994 Soggetti Cancer - Treatment Cancer **Immunotherapy Immunology** Tumors - Immunological aspects **Cancer Therapy** Cancer Biology **Tumour Immunology** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto -- Chapter 1_ Introduction. -- Chapter 2_ BCR Composition and Structure. -- Chapter 3_ Early Events in Antigen-Induced B Cell Activation. -- Chapter 4 The Mechanism of IgG-BCR Mediated Memory Antibody Response. -- Chapter 5_ B Cell Mechanosensing. --Chapter 6_ Techniques for Antigen-Induced B Cell Activation Imaging. -- Chapter 7 Techniques to Measure B Cell Mechanosensing and BCR Conformational Changes. -- Chapter 8_ B Cell and Autoimmune Diseases. -- Chapter 9_ Tumor Immunity and Monoclonal Antibody Therapies. This book intends to introduce the basic concepts of B cell activation Sommario/riassunto and its latest advances in biological research and disease treatment

applications, including the structure and classification of B cell receptors, the process and mechanism of antibody-mediated B cell activation, and tumour immunity and monoclonal antibody therapies.

The book is likely to be of interest to university researchers and graduate students in immunology who wish to learn about the core principles, methods and application of B cell activation, and medical practitioners working on tumour immunotherapy.