1. Record Nr. UNINA9910872197703321 Autore Qiu Xiaoyan Titolo Non B Cell-Derived Immunoglobulins: The Structure, Characteristics and the Implication on Clinical Medicine Singapore:,: Springer Singapore Pte. Limited,, 2024 Pubbl/distr/stampa ©2024 **ISBN** 9789819705115 9789819705108 Edizione [1st ed.] Descrizione fisica 1 online resource (193 pages) Advances in Experimental Medicine and Biology Series; v.1445 Collana Altri autori (Persone) HuangJing XuXiaojun Lingua di pubblicazione Inglese Materiale a stampa **Formato** Livello bibliografico Monografia Nota di contenuto Intro -- Foreword -- Acknowledgements -- Contents -- Editor and Contributors -- About the Editor -- Contributors -- Illustrations and Illustration Coordinator -- Part I: Non B Cell-Derived Immunoglobulins: From Gene to Structure and Function -- 1: Non B Cell-Derived Immunoglobulin, A Brighter Horizon for the Future -- 1.1 The Historical Background and Limitations of the Classic Theory About the Formation, Structure, and Function of Ig -- 1.1.1 The Broadly Accepted Classic Concept That Ig Only Exhibits Antibody Activity Needs to Be Reevaluated from a Fresh Perspective -- 1.1.2 Several Influential Hypotheses Had Emerged Regarding the Mechanism of Antibody Production -- 1.1.3 B Cells and Plasma Cells Have Been Found to Secrete Antibodies -- 1.1.4 The Concept That "Only B Cells/Plasma Cells Can Produce Ig" Was Further Reinforced by a Misinterpretation of the Findings by Susumu Tonegawa -- 1.2 The Discovery and Identification of Non B Cell-Derived Igs -- 1.2.1 Non B Cell-Derived Ig Was Initially Discovered in Epithelial Tumour Cells -- 1.2.2 A New Horizon of Immunoglobulin Study -- References -- 2: The Expression of Non B Cell-Derived Immunoglobulins -- 2.1 Non B-Igs Expression in Non B Cancers -- 2.1.1 Epithelial Cancers Produce

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