

Contents

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 3**
Ming Chu, Ning Fu, Liang Zhang, Meng Yu, Youhui Zhang, and Xiaoyan Qiu
- 2 The Expression of Non B Cell-Derived Immunoglobulins 11**
Jie Zheng, Guohui Li, Wei Liu, Yuqing Deng, and XiaoJun Xu
- 3 Genetic Characteristics of Non B Cell-Derived Immunoglobulin Genes. 37**
Miaoran Xia, Chi Zhang, Lin Xiao, and Xiaoyan Qiu
- 4 The Gene Rearrangement and Transcriptional Regulation of Non B Cell-Derived Immunoglobulin. 47**
Teng Ma, Jie Zheng, Peng Hao, Xiaohui Zhu, and Xinmei Huang
- 5 The Structure Characteristics and Function of Non B Cell-Derived Immunoglobulin 59**
Jing Huang, Jingxuan Zhang, Li Zhang, Zihan Wang, Tianrui Fan, and Sha Yin
- 6 Comparison of Non B-Ig and B-Ig 73**
Xiaojun Xu, Peter J. Delves, Jing Huang, Wenwei Shao, and Xiaoyan Qiu

Part II Physiological and Pathological Significance of Non B-Ig in Different Tissues

- 7 Functions and Clinical Relevance of Liver-Derived Immunoglobulins 91**
Fanlei Hu, Wenwei Shao, and Xiaoyan Qiu

8	Expression and Clinical Significance of Non B Cell-Derived Immunoglobulins in the Urinary System and Male Reproductive System	101
	Zhenling Deng, Yue Wang, Caipeng Qin, Zhengzuo Sheng, Tao Xu, and Xiaoyan Qiu	
9	Functions and Clinical Significance of Myocardial Cell-Derived Immunoglobulins	119
	Zhu Zhu, Meng Zhang, and Xiaoyan Qiu	
10	Cancer-Derived Immunoglobulin G and Pancreatic Cancer . . .	129
	Ming Cui and Xiaoyan Qiu	
11	Non B Cell-Derived Immunoglobulins in Intestinal Tract	137
	Zihan Geng, Lina Wu, Qianqian Wang, Junfan Ma, and Zhan Shi	
12	Characteristics and Clinical Implications of Immunoglobulins Derived from Non B Cells in the Skin . . .	151
	Hui Dai, Dongyang Jiang, Wenjing Zhou, and Xiaoyan Qiu	
13	Non B Cell-Derived Immunoglobulins in Lung Epithelial Cells and Lung Cancer	157
	Jingshu Tang, Erya Gao, Xinmei Huang, Yang Liu, and Wenwei Shao	
14	Expression and Function of Mammary Epithelial Cell-Derived Immunoglobulins	169
	Qinyuan Liao, Dongyang Jiang, Shuai Zhang, and Xiaoyan Qiu	
15	Expression, Function, and Significance of Non B Cell-Derived Immunoglobulin in Haematological System	179
	Lina Wu, Miaoran Xia, Chong Wang, Huige Yan, Xiaoting Gong, and C. Cameron Yin	