

CONTENTS

List of Contributors	v
Chapter 1 An Introduction to Genetic Polymorphism David Hopkinson & David Whitehouse	1
Chapter 2 ABO Polymorphisms and Their Putative Biological Relationships with Disease Steve Henry & Bo Samuelsson	15
Chapter 3 Molecular Biology of the Rh Blood Group Polymorphisms Neil D. Avent	105
Chapter 4 Structure, Polymorphisms and Biological Role of Glycophorins A, B, C and D May-Jean King	149
Chapter 5 Contribution of Band 3 and Its Genetic Polymorphisms and Variants to Health and Disease Marguerite M. B. Kay	193
Chapter 6 Spectrin Polymorphisms and Low-Expressed α-Spectrin Alleles in Hereditary Elliptocytosis and Hereditary Spherocytosis Didier Dhermy	229
Chapter 7 Genetic Variation of Human Erythrocyte Glucose-6-Phosphate Dehydrogenase Philip Mason & Tom Vulliamy	251

Chapter 8	HLA Polymorphism	277
	Joe Ross & John Harvey	
Chapter 9	Polymorphisms of Platelet Glycoproteins — Molecular Basis and Clinical Consequences	333
	Paul Metcalfe	
Chapter 10	Molecular Basis, Function and Clinical Significance of Granulocyte Glycoprotein Polymorphisms	351
	Geoff Lucas	
Chapter 11	Cytokine Gene Polymorphism	375
	Jeffrey L. Bidwell, Oludayo O. Olomolaiye, Leigh J. Keen, Nigel A. P. Wood, H. Ruth Morse, Godfrey J. Laundry & Steven J. Thompson	
Index		401