

CONTENTS

Preface	vii
Contributors	ix-x
1 Sodium Channels <i>D M Soderlund</i>	1
A1 Addendum: Recent Progress in Insect Sodium Channel Research <i>K Dong</i>	25
2 GABA Receptors of Insects <i>S D Buckingham and D B Sattelle</i>	29
A2 Addendum: Recent Progress in Insect GABA Receptors <i>S Gill</i>	65
3 The Insecticidal Macrocyclic Lactones <i>D Rugg, S D Buckingham, D B Sattelle, and R K Jansson</i>	69
A3 Addendum: The Insecticidal Macrocyclic Lactones <i>D Rugg</i>	97
4 Spider Toxins and their Potential for Insect Control <i>F Maggio, B L Sollod, H W Tedford, and G F King</i>	101
A4 Addendum: Spider Toxins and Their Potential for Insect Control <i>V Herzig and G F King</i>	119
5 Baculoviruses: Biology, Biochemistry, and Molecular Biology <i>B C Bonning</i>	125
A5 Addendum: Baculoviruses: Biology, Biochemistry, and Molecular Biology <i>R L Harrison</i>	163
6 Amino Acid and Neurotransmitter Transporters <i>D Y Boudko, B C Donly, B R Stevens, and W R Harvey</i>	171
A6 Addendum: Amino Acid and Neurotransmitter Transporters <i>D Boudko</i>	224
7 Biochemical Genetics and Genomics of Insect Esterases <i>J G Oakeshott, C Claudianos, P M Campbell, R D Newcomb, and R J Russell</i>	229
A7 Addendum: New Genomic Perspectives on Insect Esterases and Insecticide Resistance <i>J G Oakeshott, R J Russell, and C Claudianos</i>	302
8 Glutathione Transferases <i>H Ranson and J Hemingway</i>	307
A8 Addendum: Glutathione Transferases <i>H Ranson</i>	327

9	Insect G Protein-Coupled Receptors: Recent Discoveries and Implications <i>Y Park and M E Adams</i>	331
A9	Addendum: Insect G Protein-Coupled Receptors <i>Y Park and M E Adams</i>	360
	Subject Index	363