

Contents

Contributing Authors	ix
Preface	xiii
I BASIC PRINCIPLES	
1 Fundamentals of Immunology <i>William R. Tyor</i>	3
2 Psychoneuroimmunology <i>Joel K. Levy, Kenneth E. Bell, Barbara L. Lachar, and Francisco Fernandez</i>	35
3 Laboratory Testing for Neuroimmunologic Diseases <i>J. Clay Goodman</i>	57
4 Clinical Pharmacology of Immunosuppressants: Guidelines for Neuroimmunotherapy <i>Hazem Machkhas, Yadollah Harati, and Loren A. Rolak</i>	77
II IMMUNOLOGIC DISORDERS OF THE CENTRAL NERVOUS SYSTEM	
5 Multiple Sclerosis <i>Loren A. Rolak</i>	107
6 Optic Neuritis <i>Daniel M. Jacobson</i>	133
7 Transverse Myelitis <i>Lael A. Stone</i>	155
8 Acute Disseminated Encephalomyelitis <i>Loren A. Rolak</i>	167
9 Primary Angiitis of the Central Nervous System <i>Jerry W. Goldberg</i>	177
	vii

10	Narcolepsy <i>Daniel G. Glaze</i>	187
III IMMUNOLOGIC DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM		
11	Guillain-Barré Syndrome <i>Abdolmohamad Rostami and Richard A. Sater</i>	205
12	Chronic Immune-Related Demyelinating Polyradiculoneuropathy <i>Yadollah Harati</i>	229
13	Chronic Immune Polyneuropathies and Serum Autoantibodies <i>Alan Pestronk</i>	237
14	Stiff-Person Syndrome <i>Milvia Y. Pleitez and Yadollah Harati</i>	253
15	Myasthenia Gravis and Lambert-Eaton Myasthenic Syndrome <i>Clifton L. Gooch</i>	263
16	Idiopathic Inflammatory Myopathies: Polymyositis, Dermatomyositis, Inclusion Body Myositis <i>Aziz Shaibani and Yadollah Harati</i>	301
IV NEUROLOGIC COMPLICATIONS OF OTHER IMMUNOLOGIC DISORDERS		
17	Systemic Autoimmune Diseases <i>R. Glenn Smith</i>	319
18	Transplantation and Immunosuppressive Medication <i>Anthony A. Amato and Richard J. Barohn</i>	341
19	Paraneoplastic Syndromes <i>Eugene C. Lai</i>	377
20	Acquired Immunodeficiency Syndrome <i>Edward James Cupler</i>	393
	Index	419