

Contents

1	Matrix Metalloproteinases in Neuroinflammation and Cerebral Ischemia <i>G.A. Rosenberg, S. Mun-Bryce</i>	1
2	Involvement of Tight Junctions During Transendothelial Migration of Mononuclear Cells in Experimental Autoimmune Encephalomyelitis <i>H. Wolburg, K. Wolburg-Buchholz, B. Engelhardt</i>	17
3	Cytokines in Stroke <i>S. Allan, C. Stock</i>	39
4	Complement Activation: Beneficial and Detrimental Effects in the CNS <i>J. Van Beek</i>	67
5	Inflammation in Stroke: The Good, the Bad, and the Unknown <i>U. Dirnagl</i>	87
6	Tetracycline Derivatives as Anti-inflammatory Agents and Potential Agents in Stroke Treatment <i>J. Koistinaho, J. Yrjänheikki, T. Kauppinen, M. Koistinaho</i>	101

7	Induction of Mucosal Tolerance to E-Selectin Targets Immunomodulation to Activating Vessel Segments and Prevents Ischemic and Hemorrhagic Stroke <i>H. Takeda, M. Spatz, C. Ruetzler, R. McCarron, K. Becker, J. Hallenbeck</i>	117
8	Protective Autoimmunity and Prospects for Therapeutic Vaccination Against Self-Perpetuating Neurodegeneration <i>M. Schwartz</i>	133
9	Lessons from Stroke Trials Using Anti-inflammatory Approaches That Have Failed <i>G.J. del Zoppo</i>	155
10	Inflammation-Mediated Damage as a Potential Therapeutic Target in Acute Ischemic Stroke <i>A. Chamorro, A.M. Planas</i>	185
11	Design Issues in Selected Recent or Ongoing Stroke Trials <i>M. Schwaninger, P. Ringleb, W. Hacke</i>	205
	Subject Index	217
	Previous Volumes Published in This Series	221