

Contents

The Role of Histone Deacetylases in Neurodegenerative Diseases and Small-Molecule Inhibitors as a Potential Therapeutic Approach ...	1
Roland W. Bürli, Elizabeth Thomas, and Vahri Beaumont	
Phosphodiesterase Inhibition to Target the Synaptic Dysfunction in Alzheimer's Disease	57
Kelly R. Bales, Niels Plath, Niels Svenstrup, and Frank S. Menniti	
Glutamate and Neurodegenerative Disease	91
Eric Schaeffer and Allen Duplantier	
Modulation of the Kynurenine Pathway for the Potential Treatment of Neurodegenerative Diseases	149
Stephen Courtney and Andreas Scheel	
Spinal Muscular Atrophy: Current Therapeutic Strategies	177
Alex S. Kiselyov and Mark E. Gurney	
Index	193