

Chapter 1. Genetic, Environmental, and Lifestyle factors in brain health and Neurodegeneration. Chapter 2. Blood Brain Barrier in Brain Health, Aging and Neurodegenerative Diseases Chapter 3. Mechanism of Neurodegeneration in Alzheimer's Disease. Chapter 4. Pharmacological, Nonpharmacological Management and emerging therapies for the management of Alzheimers disease. Chapter 5. Mechanism of Neurodegeneration in Parkinson's Disease. Chapter 6. Pharmacological, Nonpharmacological Management and emerging therapies for the management of Parkinsons disease. Chapter 7. Mechanism of Neurodegeneration in other neurodegenerative diseases. Chapter 8. Pharmacological, Nonpharmacological Management and emerging therapies for the management of other neurodegenerative diseases. Chapter 9. Brain Biomarkers and Diagnosis of Neurodegenerative Diseases. Chapter 10. Cutting-Edge Research and technological advancements in neurodegenerative diseases. Chapter 11. Challenges faced by patients and caregivers in combating neurodegenerative disease.