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Altri autori (Persone)	ParambiDella Grace Thomas
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Nota di contenuto	Chapter 1. Introduction of enzymes in neurodegenerative disorders -- Chapter 2. Role of enzymes in Alzheimer's disease -- Chapter 3. Role of enzymes in amyotrophic lateral sclerosis -- Chapter 4. Enzymes involved in multiple sclerosis -- Chapter 5. Role of enzymes in epilepsy -- Chapter 6. Role of enzymes in Huntington's disease -- Chapter 7. Role of enzymes in Parkinson's disease -- Chapter 8. Role of enzymes in Prion disease: Molecular mechanism -- Chapter 9. Modulation of several downstream cascades served by enzymes in the pathogenesis of stroke -- Chapter 10. Future directions and challenges in enzyme research for neurodegenerative diseases.
Sommario/riassunto	This book delves into the correlation between different enzymes and neurodegenerative disorders. It investigates the intricate processes that contribute to the decline of cognitive functions, memory impairment, and other incapacitating symptoms of Alzheimer's disease. The book examines the roles of diverse enzymes in Amyotrophic Lateral Sclerosis

and their effects on the motor neurons, leading to muscle weakness, paralysis, and eventual fatality. Moreover, it examines the association between depression and the enzymes responsible, providing a fresh viewpoint on the biochemical foundation of this ailment. Lastly, the book explores the connection between enzymes and Parkinson's disease, discussing the mechanisms that cause the death of dopamine-producing neurons and the related symptoms. By examining the functions of various enzymes in Parkinson's disease, the book presents a distinct outlook on the intricate interplay between enzymes and several neurological conditions, imparting readers with a comprehensive understanding of the fundamental mechanisms that underlie these disorders.
