

Quality Control of Cellular Protein in Neurodegenerative Disorders

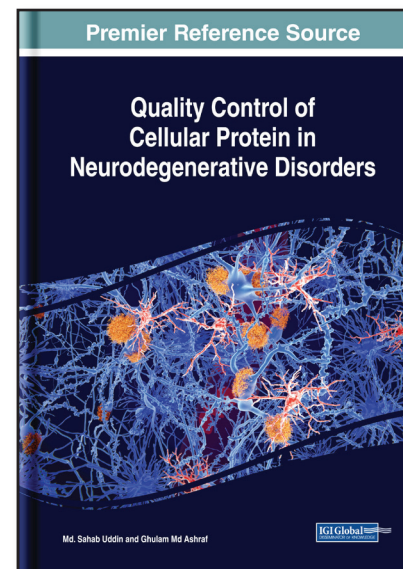
Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

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Description:

Protein misfolding and aggregation are hallmarks of several neurodegenerative proteinopathies. Though multiple factors like aging, oxidative stress, mitochondrial dysfunction, proteotoxic insults, genetic inconsistency, etc. are responsible for the dysfunction of the neuronal protein quality control system, targeting protein quality control has become an auspicious approach to halt the propagation of neurodegeneration.

Quality Control of Cellular Protein in Neurodegenerative Disorders provides diverse aspects exploring the role of the protein quality control in neurodegenerative disorders and potential therapeutic strategies to combat the development and propagation of neurodegeneration. Featuring coverage on a broad range of topics such as molecular chaperones, protein misfolding, and stress signaling, this book is ideally designed for neurobiologists, neuropsychologists, neurophysiologists, medical professionals, neuropathologists, researchers, academicians, students, and practitioners engaged in studies of the protein quality control system in neuronal cells.



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Topics Covered:

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Parkinson's Disease
Post-Translational Modifications
Proteasome Dysfunction
Protein Misfolding
Stress Signaling

Subject: Medical, Healthcare, and Life Sciences

Classification: Edited Reference

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