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Collana	Current Topics in Neurotoxicity, , 2363-9563 ; ; 9
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Regulation of Autophagy In Health And Disease -- Role of Chaperone-Mediated Autophagy in Ageing and Neurodegeneration -- Interaction Between Mitochondria And Autophagy -- Dual role of autophagy in neurodegenerative diseases: The case of amyotrophic lateral sclerosis -- Autophagy pathways in Huntington's disease -- Control of Autophagy in Parkinson's Disease -- Autophagy in Alzheimer's disease: a cleaning service out-of-order? -- Autophagy as a neuroprotective mechanism against 3-nitropropionic acid-induced cell death -- Paraquat: Molecular Mechanisms of Neurotoxicity and its Relation with Autophagy -- Agrochemicals-induced Dopaminergic Neurotoxicity: Role of Mitochondria-mediated oxidative stress and Protein Clearance Mechanisms -- Molecular And Neurochemical Mechanisms Dopamine Oxidation To O-Quinones In Parkinson´S Disease Pathogenesis -- Exploring the Role of Autophagy in the Pathogenesis of Rotenone-Induced Toxicity.- Autophagic pathology and calcium deregulation in neurodegeneration. .
Sommario/riassunto	Comprehensive overview of different aspects of autophagy as it relates to neurodegenerative diseases. The pathogenesis of the main neurodegenerative disorders includes either the accumulation of altered or misfolded proteins or exposure to several toxics. Autophagy constitute one of the two principal cellular pathways implicate in the

clearance of these material and can serve as a neuroprotective mechanism. Topics include: the role of autophagy in the brain, the role of autophagy in the principal neurodegenerative disorders, and the mechanism by which different molecules cause neurotoxicity and the role autophagy plays.