

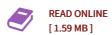


Excitotoxicity: Fundamental Concepts, Pathophysiology & Treatment Strategies (Paperback)

By -

Nova Science Publishers Inc, United States, 2013. Paperback. Condition: New. UK ed. Language: English. Brand new Book. Excitotoxicity is the pathological process in which neurons are damaged and killed by over-stimulation of the excitatory neurotransmitter glutamate receptors.

Excitotoxicity may be involved in spinal cord injury, stroke, traumatic brain injury, hearing loss (through noise overexposure or ototoxicity) and in neurodegenerative diseases of the central nervous system (CNS) such as multiple sclerosis, Alzheimer's disease, amyotrophic lateral sclerosis (ALS), Parkinson's disease, alcoholism or alcohol withdrawal and especially benzodiazepine withdrawal, and also Huntington's disease. In this book, the authors discuss the fundamental concepts, pathophysiology and treatment strategies of excitotoxicity. Topics include the involvement of glutamate excitotoxicity in Parkinson's disease; the relevance of the excitotoxic process to schizophrenia; the role of glial cells during the regenerative process and possible strategies of treatment to avoid neuronal damage; and an overview of the current concepts related to the intermittent-hypoxia-induced excitotoxicity in obstructive sleep apnea (OSA) disease.



Reviews

This ebook will be worth buying. It is among the most amazing pdf i have read through. Your way of life period will likely be enhance the instant you complete reading this ebook.

-- Vita Ebert

This type of book is every little thing and taught me to seeking in advance plus more. it absolutely was writtern quite completely and beneficial. Its been designed in an remarkably simple way in fact it is merely after i finished reading this book where basically changed me, modify the way i really believe.

-- Dr. Retta Medhurst I