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Hormonal control of cell death in a sexually dimorphic song nucleus in the zebra finch; Kainic acid: insights into excitatory mechanisms causing selective neuronal degeneration; Endogenous excitotoxic agents

Discovery and partial characterization of primate motor-system toxins  
The significance of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine;  
Summary; Index of contributors; Subject index

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Sommario/riassunto

Parkinson's disease, Alzheimer's disease, and motor neuron disease share a significant common feature: selective death of neurons in restricted regions of the brain. This international symposium, held by the Ciba Foundation in 1986, is the first to bring together neurophysiologists working on neuronal death and neuropathologists dealing with human degenerative brain disease. Participants describe the causes and sequence of events leading to neuronal death and discuss what can be done to prevent it. Among the topics covered are recent advances in the understanding of agents such as trophic fact

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