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Nota di contenuto	SELECTIVE NEURONAL DEATH; Contents; Participants; Introduction; Nerve cell death in degenerative diseases of the central nervous system: clinical aspects; Dysfunction and death of neurons in human degenerative neurological diseases and in animal models; Neuronal origin of cerebral amyloidogenic proteins: their role in Alzheimer's disease and unconventional virus diseases of the nervous system; Mechanisms for programmed cell death in the nervous system of a moth; Neurotrophic factors and neuronal death; Muscle activity and motor neuron death in the spinal cord of the chick embryo Remodelling of early axonal projections through the selective elimination of neurons and long axon collateralsTrophic and growth-regulating mechanisms in the central nervous system monitored by intracerebral neural transplants; Cytoskeletal abnormalities in long-term embryonic CNS transplants isolated within peripheral nerve;

	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 exc i t ot oxi c agents Discovery and partial characterization of p ri mate mot o r-system t oxi nsThe significance of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine; Summary; I ndex of contributors; Subject index
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