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III. Development of Neurological Gene TherapyIV. Conclusions-Future Developments; References; Chapter 8: Programmed Cell Death and Its Role in Neurological Disease; I. Introduction: Neurologists and Cell Death; II. Cell Death: History and Classification; III. Current Status of Programmed Cell Death Studies; IV. Trophic Factors and the Concept of Cellular Dependence; V. Apoptosis Induced by Unfolded, Misfolded, or Alternatively Folded Proteins; VI. Does Programmed Cell Death Play a Role in Neurodegeneration?
VII. Are Programmed Cell Death Pathways Appropriate Therapeutic Targets in Neurodegeneration?

Sommario/riassunto

Why a book on molecular neurology? Molecular neuroscience is advancing at a spectacular rate. As it does so, it is revealing important clues to the pathogenesis and pathophysiology of neurological diseases, and to the therapeutic targets that they present. Medicines work by targeting molecules. The more specific the targeting, the more specific the actions, and the fewer the side effects. This book highlights, for graduate and MD-PhD students, research fellows and research-oriented clinical fellows, and researchers in the neurosciences and other biomedical sciences, the principles underlying
