Neurobiology of Alzheimer's Disease

Alzheimer's disease is the most common form of dementia in the elderly, with 5 million people in the United States suffering with this disease. This 3rd edition of "Neurobiology of Alzheimer's Disease" gives a comprehensive and readable introduction to the disease, from molecular pathology to clinical practice.

Intended for readers new to the field, "Neurobiology of Alzheimer's Disease" also covers an extensive range of themes for those with in-depth knowledge of Alzheimer's disease. It will therefore act either as an introduction to the whole field of neurodegeneration or it will help experienced researchers to access the latest research in specialist topics. Each chapter is written by eminent scientists leading their fields in neuropathology, clinical practice and molecular neurobiology; appendices detail disease-associate proteins, their sequences, familial mutations and known structures.

It will be essential reading for students interested in neurodegeneration and for researchers and clinicians, giving a coherent and cohesive approach to the whole area of research, and allowing access at different levels. For those in the pharmaceutical industry it describes the underlying molecular mechanisms involved in the pathogenesis of Alzheimer's disease and explains how current and potential therapeutics may work.

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