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Altri autori (Persone)	HaassChristian
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Nota di contenuto	Book Cover; Title; Contents; Contributors; Introduction; Amyloid Morphology and Pathology of Alzheimer's Disease; The Tau Proteins in Alzheimer's Disease; Mutations in Three Genes are Associated with Early Onset Alzheimer's Disease; The Biological Activities and Function of the Amyloid Precursor Protein of Alzheimer's Disease; Proteolytic Processing of the -Amyloid Precursor Protein; Biosynthesis of APP and A: Multiple Pathways for the Generation of Intracellular A; The Cell Biology of Amyloid Precursor Protein The Role of Amyloid -Peptide Terminating at Amino Acid 42 in Early Onset Alzheimer's Disease The Biophysics of Amyloid -Protein Fibrillogenesis; The Molecular Biology of Presenilin 1; Molecular Biology of Presenilin 2; Presenilin Proteins and their Role in Development and Notch Signaling; The Processing of the Amyloid-Precursor-Protein (APP) in Presenilin-1 Deficient Neurons; Presenilins and their Role in Apoptosis; The Phosphorylation of Presenilin Proteins; APOE and its Role in Late Onset Alzheimer's Disease

Sommario/riassunto

Highlighting the latest and the most timely aspects of Alzheimer's disease research, this text will enable scientists in related research fields, as well as physicians working with Alzheimer's disease patients, to obtain a quick and complete overview of the current state of the art in one of the most exciting fields in neuroscience research. Leading scientists have contributed articles focusing on key developments in this field. This includes an overview about the pathology, the genetics of familial Alzheimer's disease, proteolytic generation and aggregation of amyloid -peptide, presenilins, r

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