Amyloid Fibrils and Prefibrillar Aggregates: Molecular and Biological Properties
Daniel Erik Otzen (Editor)

DESCRIPTION
Summing up almost a decade of biomedical research, this topical and eagerly awaited handbook is the first reference on the topic to incorporate recent breakthroughs in amyloid research.

The first part covers the structural biology of amyloid fibrils and pre-fibrillar assemblies, including a description of current models for amyloid formation. The second part looks at the diagnosis and biomedical study of amyloid in humans and in animal models, while the final section discusses pharmacological approaches to manipulating amyloid and also looks at its physiological roles in lower and higher organisms. For Biochemists, Molecular Biologists, Neurobiologists, Neurophysiologists and those working in the Pharmaceutical Industry.

ABOUT THE AUTHOR
Daniel Erik Otzen is Professor at the Interdisciplinary Nanoscience Centre of the Department of Molecular Biology at Aarhus University, Denmark. A graduate of Aarhus University, he obtained a Ph.D. in protein biophysics from the universities of Aarhus and Cambridge (UK). In 1995, he began work as a research chemist at Novo Nordisk, followed by post-doctoral work at Lund University (Sweden). In 2000, he joined the faculty of Aalborg University before taking up his current appointment at Aarhus in 2007. Professor Otzen has received several awards, including the Prize of the Alzheimer Research Foundation, the Carlsberg...
Biotechnology Prize and the Silver Medal of the Royal Danish Society. He has published more than 120 research articles and serves as an editor for the journals Biochimica Biophysica Acta and Biophysical Chemistry.

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