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Molecular Aspects of Neurodegeneration and Neuroprotection

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About the eBook

Neurodegenerative diseases are associated with site-specific premature and slow death of certain neuronal populations in brain and spinal cord tissues. This eBook presents readers with cutting edge and comprehensive information on neurodegenerative diseases and neuroprotection in a manner that is useful not only to students and teachers, but also to researchers and physicians.

Contents

- ▶ Arachidonic Acid and Docosahexaenoic Acid-derived Lipid Mediators in Brain
- ▶ Neurochemical Aspects of Inflammation in Brain
- ▶ Suitable Biomarkers of Oxidative Stress in Neurodegenerative Diseases
- ▶ Association of Mitochondrial Signaling in Alzheimer's Disease and Hypoxia
- ▶ Contribution of Complement in Neurodegenerative and Neuroinflammatory Diseases
- ▶ Novel Mechanism for Oxidative Stress in Neurodevelopmental Pathophysiology and Course of Schizophrenia
- ▶ Neuroprotective Actions of Polyunsaturated Fatty Acids with Particular Reference to Alzheimer's Disease

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