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Modulation of endoplasmic reticulum stress in Parkinson's disease

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Abstract

Parkinson's disease is a neurodegenerative disease characterized by the loss of dopaminergic neurons in the substantia nigra in the midbrain. However, the aetiology of the reduction in dopaminergic neurons remains unclear. Recently, it has been suggested that oxidative stress, endoplasmic reticulum (ER) stress, and mitochondrial dysfunction are involved in neuronal cell death in the pathology of Parkinson's disease. Furthermore, it has been suggested that some existing anti- Parkinson's disease drugs have protective

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