



Ferroptosis, a recently identified form of regulated cell death characterized by iron-dependent lipid peroxidation, has emerged as a critical player in the pathophysiology of various brain diseases. In neurodegenerative diseases, such as Alzheimer's, Parkinson's, and Huntington's, dysregulation of iron homeostasis and increased oxidative stress contribute to neuronal damage and cell death.

Keywords:

Introduction

Role of ferroptosis in brain degeneration

Accumulation of lipid peroxidation in neurodegenerative diseases

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Iron accumulation: 