Research Article

Genes involved in the development of Parkinson

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Background: Parkinson’s disease is the second most important neurodegenerative disorder, affecting 3% of individuals older than 80 years of age. Main clinical symptoms are resting tremor, postural instability, bradykinesia and rigidity, with a good response to levodopa therapy. ...

Abstract View | Full Article View | DOI: 10.17352/ojpdt.000005

Divergent Effects of Haloperidol on Motor Versus Spatial Functions

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Author(s): Robert Lalonde* and Catherine Strazielle

The effects of haloperidol on motor versus cognitive factors were determined in mice. Haloperidol decreased open-field activity and impaired motor coordination in suspended bar and rotorod tests. The drug also augmented escape latencies in swimming towards submerged or visible goals in the Morris water maze without increasing path length or affecting the probe test of ...

Abstract View | Full Article View | DOI: 10.17352/ojpdt.000004

Review Article

Restoration of Mitochondrial Dysfunction in 6-Hydroxydopamine Induced Parkinson’s disease: a Complete Review
Parkinson’s disease (PD) is a progressive neurodegenerative disorder characterized by neuronal cell death in the specific brain region like basal ganglia, cerebral cortex and hippocampus. Symptoms associated with PD patients are rigidity, akathesia, tremor, postural imbalance, cognitive and memory dysfunctions. ...