Tentative Outline

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Spanning From the West to East: Therapeutic And Pharmacological Approaches Targeting Acute And Chronic Central Nervous System (CNS) Injuries

Aims & Scope:

CNS injuries comprise a diverse group of disorders that occurs acutely and chronically, including traumatic brain injury (TBI) and stroke, as well as brain cancer and degenerative nerve diseases (Alzheimer's disease, Amyotrophic lateral sclerosis, Friedreich's ataxia, Huntington's disease, Lewy body disease, and Parkinson's disease). Globally, these acute and chronic CNS injuries resemble an epidemic with estimates of millions of individuals yearly. It is without question that these huge numbers validate our passion to pursue prevention, classification and diagnosis, optimal management, and treatment. Especially, it is worth addressing similarity and difference between the West and East on clinical and basic research in the CNS diseases.

Keywords: Traumatic brain injury (TBI), stroke, degenerative nerve diseases, Oxidative Stress, Depression and Anxiety,

Sub topics:

- Oxidative Stress and Therapy in Stroke
- Intracranial atherosclerosis and inflammation: Lessons from East and West
- NADPH Oxidase-Derived Oxidative Stress and Therapeutic Opportunities in CNS Injuries
- Pharmacologic pre- and post-conditioning for stroke: basic mechanisms and translational opportunity
- Physical Activity is Associated with Better Neurocognitive and Everyday Functioning Among Elderly
- Changes in adipose tissue macrophages and T cells in degenerative nerve diseases
- Biomarker to predict mild cognitive impairment in Alzheimer-associated Disorders
- MicroRNA Promotes Human Angiogenesis and Its Impact on Neurodegenerative Disease.
- Cerebral Iron and α-Synuclein Oligomer in Parkinson Disease
- Neurological Complications Following Off-Pump Coronary Artery Bypass Grafting And Pharmacological Approaches
- Depression and Anxiety-like Behavior are improved by Dapsone via Modulating NADPH Oxidase
- Contributions of Astrocytes and Micorglia to Neuroinflammation and Pharmaceutical Interventions in Neurodegenerative Diseases

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