

## **ABSTRACT**

The phrase "neurodegenerative disease" refers to conditions in which neurons are physically and functionally depleted. Many adverse effects have arisen due to current treatment procedures and the progressive nature of many diseases, forcing patients to seek out an alternate drug. As a result of their diverse cellular and molecular processes, medicinal plants have played an important role in these circumstances. Inflammatory reactions are reduced, pro-inflammatory cytokines like tumours are suppressed, and antioxidative activities of traditional herbs are enhanced. Variation in transcription and transduction pathways is critical to the plant's ability to resist these diseases. Aging is the primary cause of neurodegenerative illnesses, although other factors such protein depletion, oxidative and inflammatory stress, and environmental changes also play a role. Neurodegenerative illnesses can be treated using natural substances. Neurological problems can be prevented by the use of medicinal herbs such as ginseng, withania somnifera, bacopa monnieri, and ginkgo biloba, among others. There are several medicinal plants that can be used to prevent neurodegenerative disorders.