

Special Issue

Current Basic and Clinical Approaches in Neurodegenerative Diseases: Diagnostics and Therapeutics

Message from the Guest Editors

Neurodegenerative diseases constitute a group of pathologies characterized by the progressive death of neuronal populations in different areas of the brain. The pathological mechanisms underlying these pathologies have not yet been fully clarified, although it has been observed that there are common pathological characteristics. This group of disorders encompasses various pathologies, with symptoms that can vary considerably. The most important neurodegenerative disorders are Alzheimer's disease, Parkinson's disease, Huntington's disease, multiple sclerosis, amyotrophic lateral sclerosis (ALS), etc. It is important to have diagnosis and treatment protocols that not only consider the neurological part since the majority present alterations in other systems. A challenge in this area is the development of new methods and therapies that improve the quality of life of patients. Objective: analyze current advances, diagnostic and treatment approaches, as well as their protocols, and propose other scientifically based approaches in neurodegenerative diseases. Basic and clinical research articles; reviews, especially in advances, diagnosis, and treatment.

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