



## Neurodegenerative Disease and Cognitive Impairment in Neurological Pathologies – Diagnosis and Management

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### Message from the Guest Editor

Neurodegenerative diseases represent a generic term for a series of conditions that affect neurons. Neurons are basically the "foundation stone" of the nervous system that cannot be replaced. Neurodegenerative diseases are incurable diseases that lead to the progressive degeneration and death of nerve cells. Among others, Alzheimer's, Huntington's and Parkinson's diseases affect more than 45 million people worldwide. They usually appear as we get older and unfortunately the treatment has limits. In addition, it has been identified important similarities between neurodegenerative disorders made in the fields of genetics, biochemistry, and cell biology. All these efforts revealed the presence of abnormal proteins and raised questions about how these proteins interfere with normal cellular functions and how they spread in the brain. This Special Issue welcomes submissions of original research and review articles related to any aspect of the diagnosis, molecular mechanisms and pathogenesis of neurodegenerative diseases or cognitive impairment associated with neurological pathologies, as well as the follow-up and features of novel biomarkers and treatment options.





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