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Cellular Regulation of Pathological Proteins in Neurodegenerative Disease

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Deadline for manuscript submissions:
28 February 2025

Message from the Guest Editor

In some neurodegenerative diseases, the pathology is characterised by the presence of toxic proteins that accumulate in aggregates in the brain. The aggregates and/or oligomers appear to be toxic, causing injury or cell death. However, the role of these aggregates in disease is not fully understood. These pathological proteins are implicated in neurodegenerative diseases that trigger progressive degeneration through largely unknown pathogenic mechanisms, and lack valid therapeutic approaches. In this Special Issue, the focus will be on the cellular regulation of pathological proteins in neurodegenerative diseases such as Alzheimer's disease (AD), Huntington's disease (HD), Parkinson's disease (PD), frontotemporal dementia (FTD), dementia with Lewy bodies (DLB), amyotrophic lateral sclerosis (ALS) and prion disease (PrD).

This Special Issue will highlight the current knowledge on the regulation of pathological aggregates that form in neurodegenerative diseases.

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