

## Special Issue

# Cellular Regulation of Pathological Proteins in Neurodegenerative Disease

### 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.

### Guest Editor

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### Deadline for manuscript submissions

closed (28 February 2025)



## Cells

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Impact Factor 5.2  
CiteScore 10.5  
Indexed in PubMed



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*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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