

Special Issue

Alpha-Synuclein in Neurodegeneration

Message from the Guest Editors

☒-Synuclein plays a pivotal role in the development of multiple neurodegenerative diseases that are known collectively as synucleinopathies and include Parkinson's disease, dementia with Lewy bodies, and multiple system atrophy. For many years, research has focused on the formation of intracellular aggregates of protein as the principal causative link to neurodegeneration. Recent studies have revealed many diverse intra- and extracellular neurotoxic interactions, encompassing imbalance in proteostatic systems, metal ion dyshomeostasis, liquid-liquid phase separation, secretory pathway, and mitochondrial dynamics. In this Special Issue, we hope that investigators will join together in exploring and integrating the current knowledge to stimulate future inquiry towards the end of disease mitigation.

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