

Special Issue

Synucleins in Neurodegeneration

Message from the Guest Editors

α-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. Emerging data suggest the extracellular role of α-synuclein as a secreted protein or processed peptide in neuroinflammation that interacts with other disease-linked extracellular proteins, such as tau and Aβ. Furthermore, the potential roles of other members of synuclein family, i.e., β- and γ-synucleins, in normal and pathological processes are becoming obvious. The design of novel neuroprotective and ameliorative therapies requires a comprehensive understanding of the interactome network of the synuclein family members in order to tackle both the initiation and progression of disease processes. In this Special Issue, we hope that investigators will join together in exploring and integrating our current knowledge to stimulate future inquiry towards the goal of disease mitigation.

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