Special Issue

Protein Interactions in Neurological Disorders

Message from the Guest Editors

This Special Issue aims to explore how pathological protein interactions contribute to the onset and progression of neurological disorders, with a specific emphasis on their role in driving neuroinflammation and synaptic alterations. We welcome original research articles and reviews that investigate the molecular and cellular mechanisms underlying these processes in conditions such as Alzheimer's disease, Parkinson's disease, traumatic brain injury, and other neurodegenerative or neuroinflammatory diseases. Studies involving key proteins, including, but not limited to, amyloid-□, tau, and the cellular prion protein, are encouraged. Submissions may include mechanistic studies, protein interaction mapping, inflammation signaling analysis, synaptic physiology, biomarker identification, or therapeutic interventions targeting protein networks. This collection seeks to provide a comprehensive overview of how disrupted protein crosstalk and inflammatory signaling converge at the synapse to drive pathology in the brain.

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Message from the Editor-in-Chief

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