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Mechanistic Insights of Selective Autophagy in Neurodegenerative Diseases

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Message from the Guest Editors

Selectively targeting cytosolic components or organelles for degradation is a major surveillance mechanism employed in several cell types and animal models. Damaged organelles and protein aggregates are crucial hallmarks of several neurodegenerative diseases, including Alzheimer's disease, Parkinson's disease, Huntington's disease, and so on. In this process, several selective autophagy receptors bind to the dysregulated cellular cargo via the Atg8/LC3/GABARAP proteins and promote their degradation. Modulating quality control mechanisms can alleviate the devastating effects of neurodegenerative diseases.

This Special Issue will focus on recent advances in selective autophagy in neurodegenerative diseases, aiming to foster an improved understanding of the roles of selective autophagy in the pathogenesis, propagation, and therapeutics of various neurodegenerative diseases.



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Special Issue



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Message from the Editor-in-Chief

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