

Special Issue

Mechanistic Insights of Selective Autophagy in Neurodegenerative Diseases

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.

Guest Editors

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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