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Autophagy in the Nervous System

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submissions:

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Message from the Guest Editor

Dear colleagues,

Autophagy is an essential component for cell function and survival. In post-mitotic neurons, autophagy is of particular importance in deterring the accumulation of toxic protein species and clearing existing toxic protein species, as well as dysfunctional cellular organelles. In astrocytes and glia, autophagy may also be important for the clearance of toxic materials and for modulating neuroinflammation. Dysfunction or insufficiency of autophagy is proposed to contribute to aging phenotypes, synaptic dysfunction, and to the development and progression of neurodegenerative diseases such as Alzheimer's and Parkinson's disease. This Special Issue will feature both original research articles and review articles that are relevant to autophagy in the nervous system.

Prof. Dr. Jianhua Zhang
Guest Editor



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Special Issue



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