



Autophagy in Health and Disease

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Autophagy is a highly evolutionarily conserved cellular process in eukaryotic organisms. In this process, the bilayer membrane structure is formed to encase a fraction of cytoplasm and small organelles, which are transported to lysosomes for digestion. According to the pathway of substrate entry into lysosomes, autophagy can be classified into three types: macroautophagy, microautophagy and chaperone-mediate autophagy. Mitochondrial autophagy, also called mitophagy, is a notable cellular process which selectively removes damaged mitochondria. Recent studies have shown that mitophagy is involved in aging as well as many disease processes, including heart disease, Parkinson's disease and Leigh syndrome.

This Special Issue on “Autophagy in Health and Disease” aims to provide up-to-date insight into the remarkable complexity of autophagy, and on its dysregulation in the context of many different human diseases, including (but not limited to) heart disease, neurodegenerative diseases, aging, cancer and mitochondrial diseases.

We look forward to receiving your contributions.

Dr. Mingchong Yang
Guest Editor





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Message from the Editor-in-Chief

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