



The Role of Autophagy Processes in Human Diseases

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Message from the Guest Editors

Autophagy processes regulate the developmental biology and progression of various diseases. In cancer, autophagy plays a diverse role which oncogenic or tumor-suppressive functions in the different stages of cancer progression. Autophagy also coordinates its functions in the balance of metabolic homeostasis and the development of diabetes. Furthermore, autophagy deficiency is associated with the development of Parkinson's disease which is a neurodegenerative disease. In addition, autophagy plays an irreplaceable role in both bacterial and viral infections area. Moreover, accumulating reports demonstrate that autophagy is not only a degradation pathway for components recycling in the cell but also an unconventional secretion process for specific cargo releasing.

In this Special Issue, we welcome original research articles, reviews, and short communications that focus on the field of autophagy research and aim to explore the molecular regulation of autophagy in physiology and pathology. We are hoping that this special issue could shed some light on the molecular research of autophagy in various human diseases.





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