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Selective Autophagy, Master Regulation of Cells, and Organismal Homeostasis: The Latest Advances and Perspectives

Guest Editor:

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Deadline for manuscript submissions:

closed (15 February 2023)

Message from the Guest Editor

Macroautophagy (autophagy) is an essential cellular homeostasis process that degrades cellular contents in response to various cellular and environmental stresses. This catabolic process serves to degrade cytoplasmic contents ranging from abnormal proteins to damaged organelles via the lysosomal system. Since autophagy is an evolutionarily conserved fundamental homeostasis program, dysfunction or dysregulation of autophagy is closely linked to a wide range of human diseases, including neurodegeneration, muscle diseases, cancer, infection, immunological disorders, metabolic diseases, and aging.

In addition to non-selective bulk degradation, recent work has indicated that autophagy targets cargo through selective degradation called selective autophagy (. This capability makes selective autophagy a major process in maintaining cellular homeostasis under specific pathological conditions.

We encourage you to contribute to this Special Issue of ‘*Cells*’ and submit research articles, review articles, and perspective and opinion articles that are dedicated to autophagy and selective autophagy. For further information, please visit the Special Issue [website](#).



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Special Issue



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