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Molecular Targets for Autophagy in Cancer Treatment

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submissions:

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Message from the Guest Editors

Dear Colleagues,

Autophagy is an evolutionally conserved, lysosomal-dependent process that maintains cellular homeostasis by recycling damaged cellular components. This fundamental process helps cells meet metabolic needs under stressful conditions, such as nutrient deprivation and hypoxia. Autophagy plays a paradoxical role in cancer cells, where it may promote or suppress tumorigenesis depending on the cell type or tumorigenesis stage. Hence, understanding the fundamental role of autophagy in cancer cells is critical to therapeutic development. This Special Issue invites original research or review articles focused on identifying autophagy modulators (inhibitors or inducers), their molecular mode of action, and their potential application in cancer therapy.

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Guest Editors



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Special Issue



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