



## Role of Autophagy in the Interactions between the Tumor and the Microenvironment

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### Message from the Guest Editor

Autophagy is the major cellular process used for the degradation and recycling of damaged macromolecules and organelles. In addition to its constitutive role in cellular quality control, autophagy is stimulated in response to stress in order to promote survival.

In cancer, while autophagy exerts an inhibitory role in the early stages of tumor initiation, this process is also described to support the survival and growth of established tumors. Further to these known roles, autophagy recently emerged as an active contributor in the crosstalk between tumor and stromal cells. Tumor cell autophagy can modify the microenvironment through several pathways, including degradation, secretion, and signaling, leading to the inhibition of immune cell recruitment and activity, and resulting in tumor progression. Conversely, autophagy in stromal cells can feed the tumor, stimulate tumor growth, and favor the creation of a permissive immune microenvironment.

In this Special Issue on the “Role of Autophagy in the Interactions between the Tumor and the Microenvironment”, authors are invited to contribute through original or review articles to highlight this new role of autophagy.





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## Message from the Editor-in-Chief

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