Special Issue

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

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.

Guest Editor

Dr. Valérie Pierrefite-Carle
CEA/DRF/Institut Joliot, Université Côte d'Azur, UMR E4320 TIRO-MATOs, 06107 Nice CEDEX 2, France

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Cancers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cancers@mdpi.com

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Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

Prof. Dr. Samuel C. Mok
Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX 77030, USA

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