Special Issue

Autophagy in Anti-tumor Immunity

Message from the Guest Editors

Since the discovery of this process in the middle part of the 20th century, autophagy has been shown to impact many physiological pathways and diseases. In the majority of cancers, autophagy plays a critical role in the tumor cells behavior, favoring cell survival, proliferation, migration and resistance to anti-tumor therapies. Over the time, it has become clear that the impact of autophagy is not restricted to malignant cells but can be expanded to the tumor microenvironment. Indeed, many reports described an important part for autophagy in the anti-tumor immune response, impacting immune cell survival, proliferation, differentiation as well as the expression and/or secretion of immune-related proteins. In this special Issue of Cells, we invite contributors of original research articles, reviews, or shorter perspective paper on all aspects related to the theme of “autophagy and anti-tumor immunity”. Expert articles describing mechanistic, functional, cellular or general aspects of the role of autophagy in immune cells, immune response or in immunotherapy are highly welcome.

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2023)

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).