

Special Issue

Mitophagy, Autophagy, Apoptosis and Senescence—the Roles of These Processes in Invasive Cancer Growth

Message from the Guest Editors

As global cancer incidence and fatality rates are increasing, more novel strategies are urgently needed to be involved in anticancer therapy regimens. As a well-known hallmark of cancer, cell death can be a cornerstone of effective treatment. However, in recent years, many distinct mechanisms and forms of cell death have been characterized, from regular apoptosis through autophagy to special events such as ferroptosis. These processes, on one hand, play a crucial role in cancer progression and therapy resistance, but on the other hand, they can also provide promising targets of novel treatment options. In this Special Issue, we encourage submissions about the significance of alteration of cell death processes and senescence as a survival strategy of cancer cells, as well as any molecular background responsible for the different activity of these processes, and therapeutic approaches that induce cell death or target altered cell activities.

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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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