

Special Issue

Emerging Prospects of Biogenesis and Function of Extracellular Vesicle in Cancer Cells

Message from the Guest Editor

According to the World Health Organization (WHO), in 2020, there were an estimated 9.96 million cancer-related deaths globally. The intricate interplay among endothelial cells, immune cells, and cancer cells, along with the process of angiogenesis, is the key to cancer progression and ultimately influences therapeutic outcomes in cancer treatment. The discovery of extracellular vesicles (EVs) has recently revolutionized the understanding of intercellular communication in cancer. EVs are submicron-sized membranous biological vesicles that are involved in the exchange of a wide range of functional biomolecules (lipid, protein, mRNA, and miRNA) between cells. Owing to their non-invasive nature, EVs offer a potential alternative to traditional tissue biopsies. In addition, increasing attention has been given to the translational potential of EVs as a reliable liquid biopsy for the diagnosis and monitoring of several diseases, including cancer.

In this Special Issue of *Cells*, I invite you to contribute original research articles, reviews, or shorter perspective articles on all aspects related to this topic.

Guest Editor

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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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