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

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Deadline for manuscript submissions:

closed (30 November 2023)

Message from the Guest Editor

Dear Colleagues,

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.

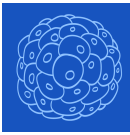
The discovery of extracellular vesicles (EVs) has recently revolutionized the understanding of intercellular communication in cancer. EVs are submicron-sized membranous biological vesicles that are involved in the exchange of a wide range of functional biomolecules (lipid, protein, mRNA, and miRNA) between 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.



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Special Issue



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