

Special Issue

Extracellular Vesicles and Cancer

Message from the Guest Editor

Extracellular vesicles (EVs) have become a fast-growing focal point in biomedical research over the last decade, as they show high potential as biomarkers and in clinical applications due to their emerging roles in disease as well as normal physiology. This family of membrane vesicles are secreted into the extracellular environment by the majority of (if not all) cells and functionally mediate cell-cell communication. Numerous studies on the role of EVs in the tumour environment have shown their involvement in the modulation of immune and therapy response, the promote matrix remodelling as well as angiogenesis. Furthermore, EVs regulate tumorigenesis by increasing tumour cell proliferation, resistance to chemotherapy, and migration. Their importance as biomarkers in clinical diagnosis, and their promise to a variety of future therapeutic approaches for a wide array of diseases even aside from cancer is apparent.

Guest Editor

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