Special Issue

Extracellular Vesicles and Their Roles in Cancer Progression

Message from the Guest Editors

Extracellular vesicles (EVs) have emerged as key mediators of intercellular communication in cancer, playing crucial roles in tumor progression, metastasis, and response to therapy. EVs carry a diverse cargo of bioactive molecules, including proteins, lipids, and nucleic acids, which can influence the tumor microenvironment and serve as potential biomarkers for early detection and disease monitoring. This Research Topic aims to explore the multifaceted roles of EVs in cancer biology, integrating molecular and computational approaches to deepen our understanding of their function and translational potential. We welcome original research, reviews, and methodological studies on, but not limited to, the following topics:

- **EV cargo profiling**
- **Multi-omics approaches**
- **EVs in tumor microenvironment interactions**
- **EV-based biomarkers**
- **Bioinformatics and statistical modeling**

Guest Editors

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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