

Special Issue

Extracellular Vesicles as Diagnostic and Therapeutic Tools in Cancer

Message from the Guest Editor

The concept of extracellular vesicles representing a mediator of intercellular communication has sparked new interest regarding their roles both in physiological processes and in disease processes. EVs are tiny membrane-bound vesicles, with a diameter in the range of 50–1000 nm, that can carry cargo including RNAs—both mRNAs and small RNAs—proteins, glycoproteins, and lipids. Research has increased over the last two decades and has provided evidence of their involvement in numerous facets of cancer. They have also been shown to comprise a means of communication between tumour cells and the other cellular and acellular components of the tumour microenvironment. The possibility that these facets of EVs could be harnessed in cancer diagnosis and therapy is fuelling further research in this area. For this Special Issue, we are inviting original papers and review articles on the following topics: I) EV cargo as biomarkers indicating the initiation, progression, or therapeutic behaviours of cancer; II) EV mediation in crosstalk with non-malignant cells; III) the role of EVs in the progression of cancer, including metastasis, and IV) EVs as therapeutic tools.

Guest Editor

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Deadline for manuscript submissions

closed (28 April 2025)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



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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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