

Special Issue

Advances in Exosomes and Cancer Biomarkers

Message from the Guest Editor

Exosomes have emerged as key players in cancer biology, acting as carriers of molecular information between tumor cells and their microenvironment. In recent years, significant progress has been made in understanding the role of exosomes in cancer, particularly as potential biomarkers for diagnoses, prognoses, and treatment monitoring. These nanosized extracellular vesicles are capable of transporting proteins, lipids, and nucleic acids, reflecting the molecular landscape of their cell of origin. This has opened new avenues for the development of non-invasive diagnostic tools, especially in the context of liquid biopsies. Despite these advances, challenges remain in standardizing the isolation and analysis of exosomes, and further research is needed to validate their utility as reliable cancer biomarkers across different malignancies. This Special Issue is intended to reflect the recent developments and the ongoing challenges in leveraging exosomes as biomarkers to improve cancer outcomes.

Guest Editor

Dr. Nathan Wall

1. Department of Radiation Medicine, James M. Slater, MD Proton Treatment & Research Center, Loma Linda University Health, Loma Linda, CA 92350, USA

2. Division of Biochemistry, Department of Basic Science, Loma Linda University School of Medicine, Loma Linda, CA 92350, USA

Deadline for manuscript submissions

12 September 2025



Cancers

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 8.8
Indexed in PubMed



mdpi.com/si/219315

Cancers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cancers@mdpi.com

[mdpi.com/journal/
cancers](https://mdpi.com/journal/cancers)





Cancers

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 8.8
Indexed in PubMed



[mdpi.com/journal/
cancers](https://mdpi.com/journal/cancers)



About the Journal

Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

Prof. Dr. Samuel C. Mok

Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX 77030, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Oncology) / CiteScore - Q1 (Oncology)