

Special Issue

Non-Coding RNAs and Extracellular Vesicles in Cancer Crosstalk: Diagnostic and Therapeutic Implications

Message from the Guest Editors

Extracellular vesicles (EVs) have been recognized as mediators of intercellular communication that allow horizontal information exchange between cells. Non-coding RNAs (ncRNAs) are selectively packaged into EVs and transferred to proximal and distal target cells, inducing deep phenotypic changes. EVs play a pleiotropic role in cancer and ncRNAs contained in EVs are closely related to a variety of biological aspects of tumorigenesis. Recently, several findings indicate their key roles in cancer initiation and progression. The eclectic information that can be acquired by evaluating the epigenetic biomarkers contained in EVs is an emerging field in oncology that may help in cancer screening, diagnosis, identification of tumour subtypes, prediction of response to therapy and outcome.

This Special Issue aims to discuss recent findings in knowledge of biology, epigenetic regulation, early detection, innovations in personalized treatment and therapeutics targeting of ncRNAs and the involvement of EV-ncRNAs in molecular mechanism that contribute to cancer development.

Guest Editors

Dr. Simona Taverna

Institute of Translational Pharmacology, National Research Council,
90146 Palermo, Italy

Dr. Giuseppe Cammarata

Institute of Translational Pharmacology, National Research Council,
90146 Palermo, Italy

Deadline for manuscript submissions

closed (31 January 2024)



Cancers

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 8.8
Indexed in PubMed



mdpi.com/si/129552

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 (ISSN 2072-6694) is an international, online journal addressing both clinical and basic science issues related to cancer research. The journal will continue its 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)