



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

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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.





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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.

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