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## Circulating microRNAs in Breast Cancer—Current Evidence and Future Perspectives

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**closed (15 June 2023)**

### Message from the Guest Editor

Dear Colleagues,

MicroRNAs (miRNAs) are a class of small, non-coding RNA that regulate the gene expression of target mRNAs at the post-transcriptional level. miRNAs have been implicated in regulating hallmarks of breast cancer, including cell proliferation, cell death, apoptosis, immune response, cell-cycle energetics, senescence, invasion, and metastasis. Moreover, miRNAs are emerging as novel potential predictive/prognostic biomarkers of disease and response to therapy. Several miRNAs have been found deregulated in breast cancer cell lines, on cancer specimens and in the serum of breast cancer patients, and have been correlated with prognostic features and with response or resistance to several therapeutic agents. This Special Issue will highlight the current state of the art in circulating miRNA biology, as well as future perspectives for treatment optimization.

Dr. Rita De Sanctis

*Guest Editor*



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# Special Issue



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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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