



Circulating microRNAs in Breast Cancer—Current Evidence and Future Perspectives

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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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Message from the Editor-in-Chief

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