**Determination of well-known microRNAs in Breast cancer patients and study of related cellular parameters in breast cancer cell lines**

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**Abstract:**
MicroRNAs (miRNAs) are small non-coding RNA molecules that play important roles in the regulation of gene expression. They have been implicated in various biological processes and diseases, including breast cancer. In this study, we determined the expression levels of several well-known microRNAs in breast cancer patients and studied their association with related cellular parameters in breast cancer cell lines. Our results showed significant differences in the expression levels of these microRNAs between the two groups, indicating their potential roles in the development and progression of breast cancer.

**Conclusion:**
The findings of this study highlight the importance of miRNAs in breast cancer and suggest potential targets for therapeutic interventions.