



Micro RNA 451a: Differential Expression in Breast Cancer

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Abstract:

Micro RNA play key role as oncogene and tumor suppressor gene in breast cancer. The present study was designed to investigate the micro RNA 451a differential expression. For this, Micro RNA enrichment analysis, micro RNA expression, methylation, total protein expression gene, ontology and mutator map scrutiny were performed through different bioinformatics tools. Micro RNA 451a was down regulated in cancer patients and its only one gene PSMB8 was selected as major target on the basis of expression while 39 gene as minor target by using cut off value of target score hundred. PSMB8 act as their major target which involved in different pathways of cancer proliferation, metastasis and growth. Mutator study confirmed no alteration in micro RNA 451a. It's concluded that micro RNA451a act as tumor suppressor biomarker involved in different cancer pathways by targeting PSMB8 genes which are upregulated in patient with respect to normal in their expression, cancer stages, race and gender. Mutator studies confirm it's non significantly association with breast cancer

Biography:

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Publication of speakers:

- Site Attachment Inhibition Therapeutics: Dealing with Association and Causation Issues. Joint Event on Global Summit on Immunology and Cell Biology



& Global Congress on Bacteriology and Infectious Diseases. June 25-26.

- Hina (2018) 12 th World Congress on Pharmaceutical Sciences and Pharma Industries, Site Attachment Inhibition Therapeutics: Dealing with Association versus Causation Issue February 26-27
- Hina (2016) 6th International Conference and Expo on Immunology (870th Congress) Oct 24-26, Ireland.
- Use of Gabapentin in the Treatment of Substance Use and Psychiatric Disorders: A Systematic Review. Ahmed S, Bachu R, Kotapati P, Adnan M, Ahmed R, Farooq U, Saeed H, Khan AM, Zubair A, Qamar I, Begum G. Front Psychiatry. 2019 May 7;10:228

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