Apoptosis Inducing Novel microRNA for Breast cancer and Hepatocellular Carcinoma

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ABSTRACT

RESULTS

Cell Morphological Study by TEM

Transmission Electron Microscopy (TEM) analysis has been considered a milestone of the research in the field of apoptosis. Mir491 was conjugated to Streptavidin Gold nanoparticles (GNP) transacted into the HBT3477 and Hep G2 cells to evaluate the morphological aspects of apoptosis in the cells to assess the extent of the apoptosis level with targeted GNP (+ mir491) and nontargeted GNP (-mir491) targeted genes.

CONCLUSIONS

Over-expression of mir491 causes apoptosis in HBT3477 (breast cancer) and Hep G2 (HCC) cancer cells; this could be a novel class of targeting agent for imaging and therapy.

REFERENCES


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