

Ratiometric coloaded Human serum albumin nanoparticles for effective Breast cancer treatment Ujala Gupta, Pankaj Kumar Singh

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## **Hypothesis** Molecular Docking and Simulation study **Determination of Combination Index** citrate (faded salmon) and Palbociclib Azure) in complex with HSA showing H-bond (Orange dotted line), Pi-Pi stacking (Cyan dotted line), Aromatic H-bond (Dark blue dotted line) interaction. MDA-MB-231 0.256 0.451 0.228

## **Optimization & Characterization** In vitro cell-based assays Box-Behnken Design DLS & TEM Solid-state characterization



