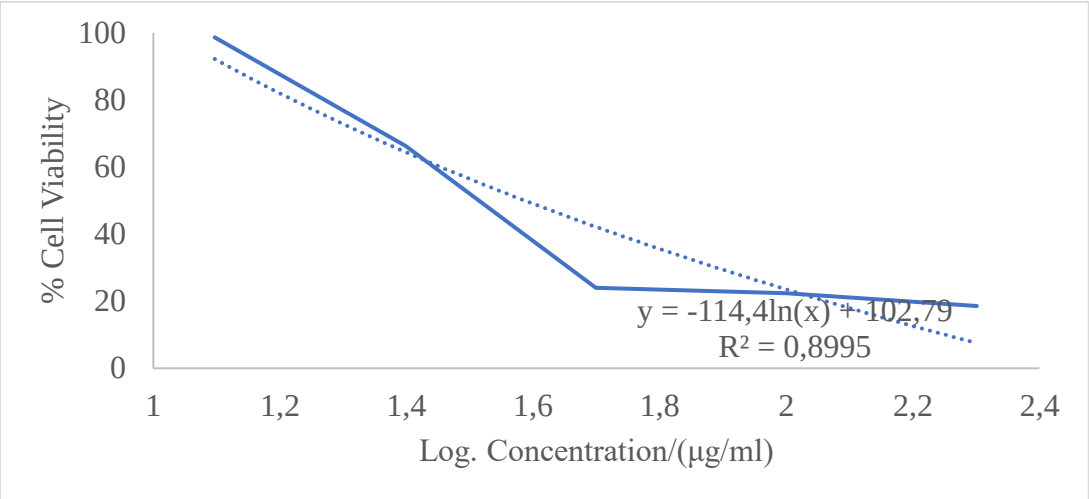
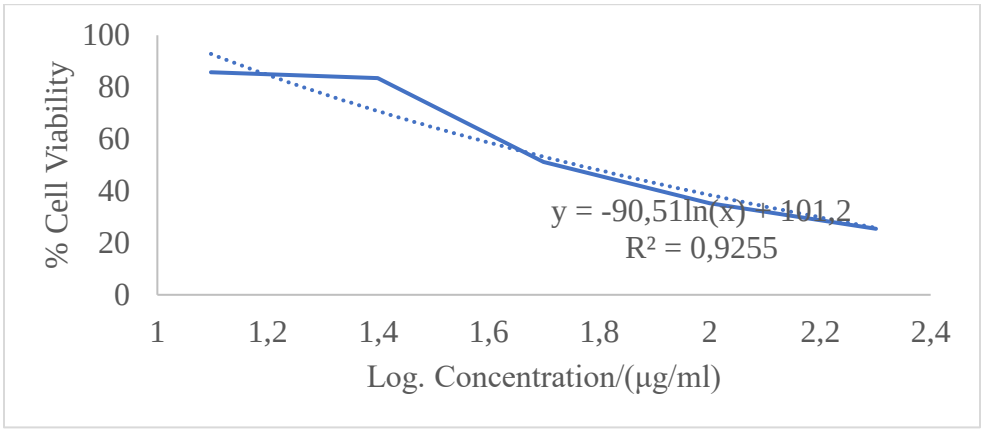
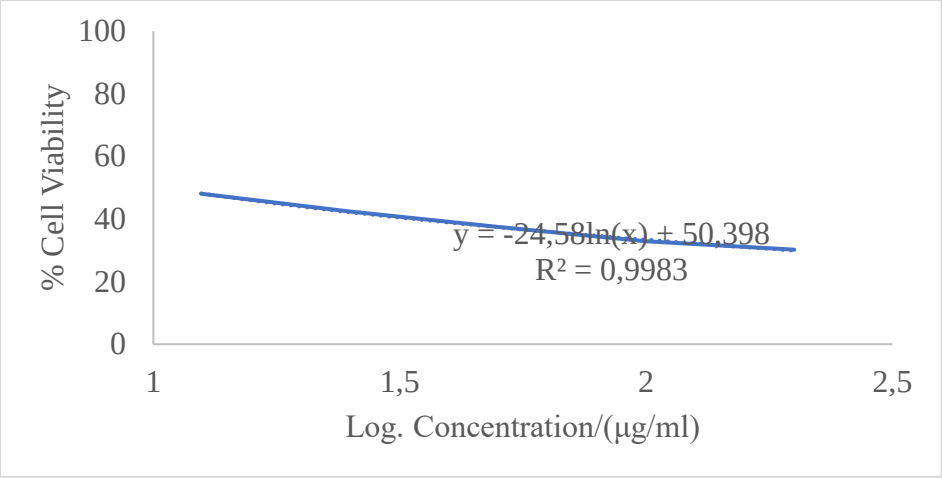
## Graphs for computation of $IC_{50}$ and $CC_{50}$ Values



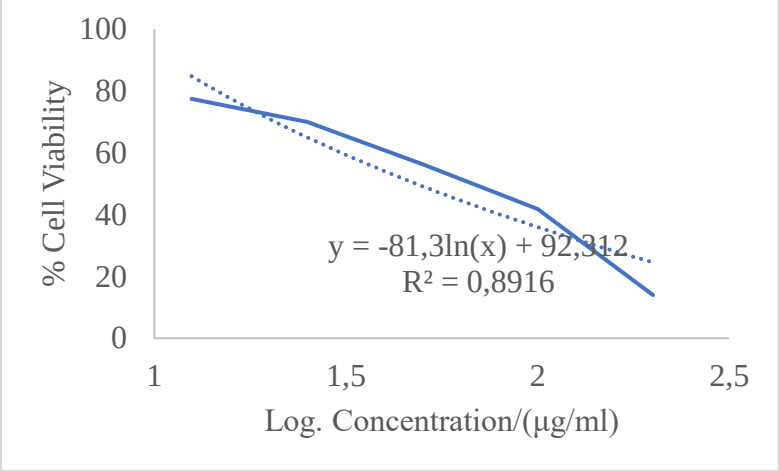

**Suppl. Fig: 1** A graph showing the cytotoxicity of AgNPs-F against HeLa cells using the resazurin metabolic assay. From the graph above, the $IC_{50}$ of the AgNPs-F against HeLa cells was computed to be 38.58 µg/ml



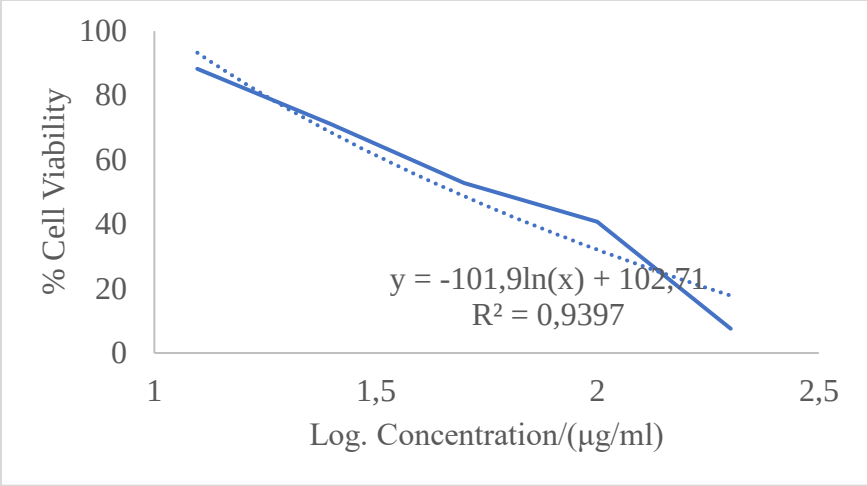

**Suppl. Fig: 2** A graph showing the cytotoxicity of AgNPs-L against HeLa cells using the resazurin metabolic assay. From the graph above, the $IC_{50}$ of the AgNPs-F against HeLa cells was computed to be 57.63 µg/ml



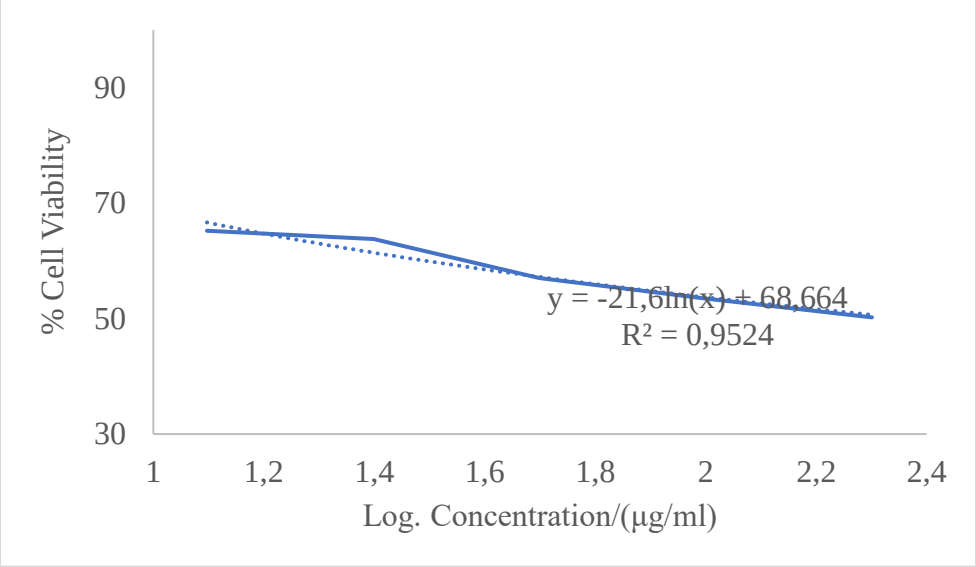

**Suppl. Fig: 3** A graph showing the cytotoxicity of 5FU against HeLa cells using the resazurin metabolic assay. From the graph above, the $IC_{50}$ of 5FU against HeLa cells was computed to be 10.38 µg/ml



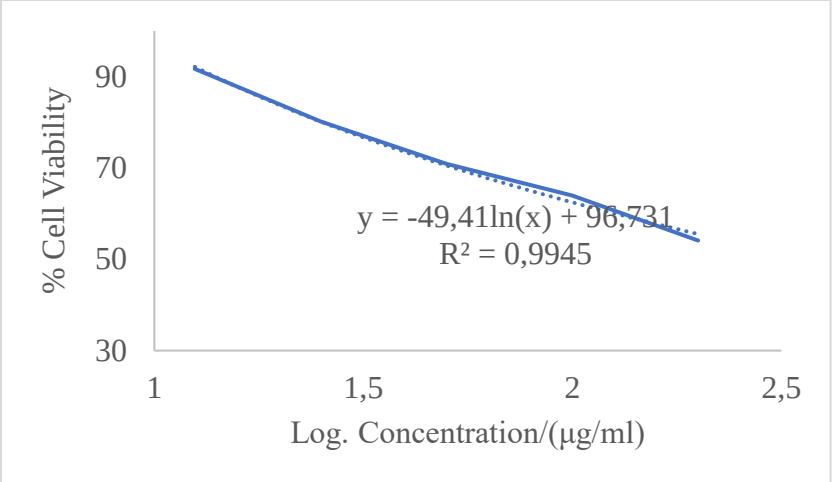

**Suppl. Fig: 4** A graph showing the cytotoxicity of AgNPs-F against PC3 cells using the resazurin metabolic assay. From the graph above, the $IC_{50}$ of the AgNPs-F against PC3 cells was computed to be 48.17 µg/ml



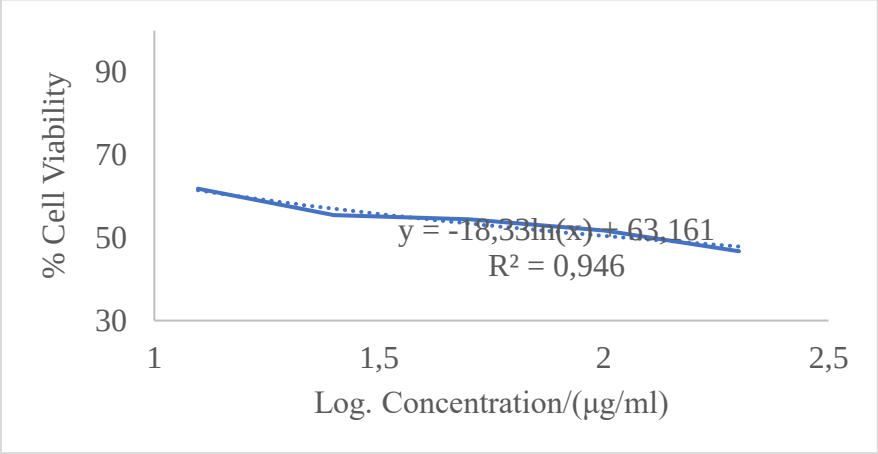

**Suppl. Fig: 5** A graph showing the Cytotoxicity of AgNPs-L against PC3 cells using the resazurin metabolic assay. From the graph above, the $IC_{50}$ of the AgNPs-L against PC3 cells was computed to be 47.58 µg/ml



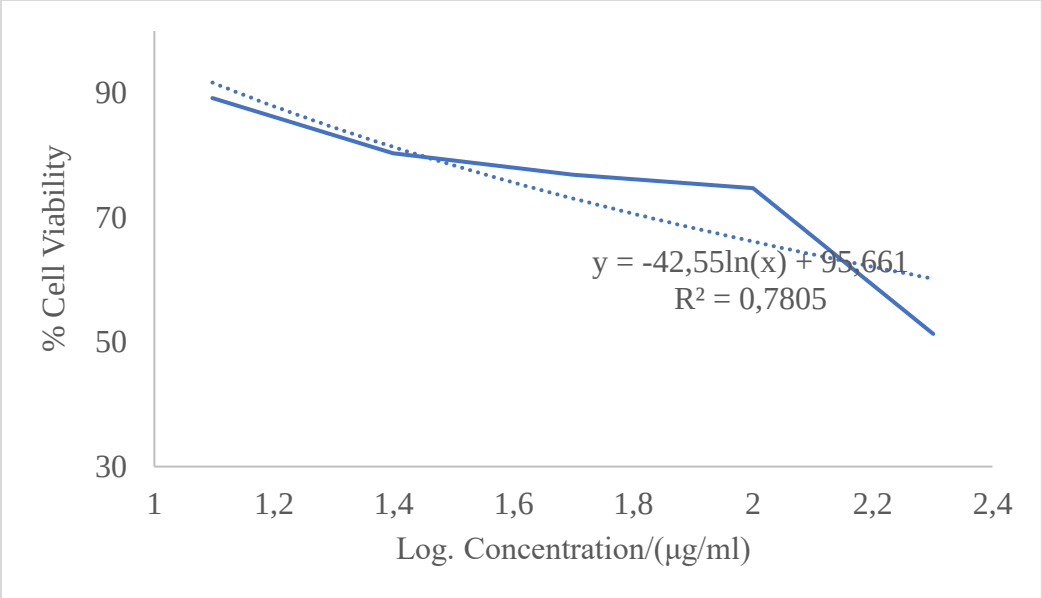

**Suppl. Fig: 6** A graph showing the cytotoxicity of 5FU against PC3 cells using the resazurin metabolic assay. From the graph above, the $IC_{50}$ of the 5FU against PC3 cells was computed to be 235.9 µg/ml




**Suppl. Fig: 7** A graph showing the cytotoxicity of AgNPs-F against PNT1A cells using the resazurin metabolic assay. From the graph above, the $CC_{50}$ of AgNPs-F against PNT1A cells was computed to be 375.68 µg/ml




**Suppl. Fig: 8** A graph showing the cytotoxicity of AgNPs-L against PNT1A cells using the resazurin metabolic assay. From the graph above, the $CC_{50}$ of AgNPs-L against PNT1A cells was computed to be 112.29 µg/ml




**Suppl. Fig: 9** A graph showing the cytotoxicity of 5FU against PNT1A cells using the resazurin metabolic assay. From the graph above, the $CC_{50}$ of 5FU against PNT1A cells was computed to be 840.37µg/ml.