



1 Supplementary Materials:

2 **Evaluation of the Genotoxic and Oxidative Damage**
3 **Potential of Silver Nanoparticles in Human NCM460**
4 **and HCT116 Cells**

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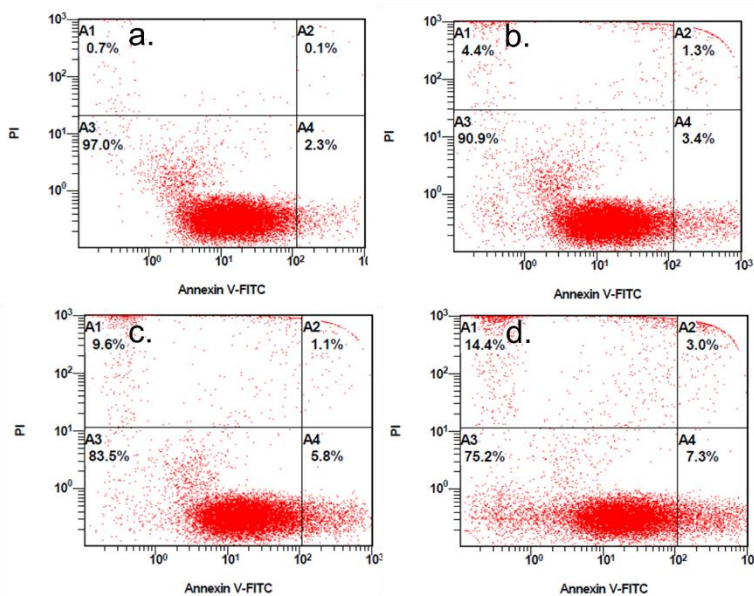
7 **Table S1.** Gene Specific Primers Used for RT-PCR.

Gene name	Primer Sequence (5'–3')
GAPDH Forward	CAGGAGGCATTGCTGATGAT
GAPDH Reverse	GAAGGCTGGGGCTCATTT
P53 Forward	TCAGTCTACCTCCC GCCATA
P53 Reverse	TTACATCTCCCAAACATCCCT
Bax Forward	ACGAACTGGACAGTAACATGGAG
Bax Reverse	AGTTTGCTGGCAAAGTAGAAAAG
Bcl2 Forward	CATGGCAGTAAAGCAAG
Bcl2 Reverse	ATTGTTCCCATAGAGTTCCACAA
P21 Forward	ATGTGGACCTGTCAC TGTCTTGTA
P21 Reverse	GTTGGAGTGGTAGAAATCTGTCAT

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12 **Figure S1.** Flow cytometry results of HCT116 cells exposed to Ag nanoparticles. (a) control group; (b)
13 15 μg/mL group; (c) 30 μg/mL group; (d) 60 μg/mL group.