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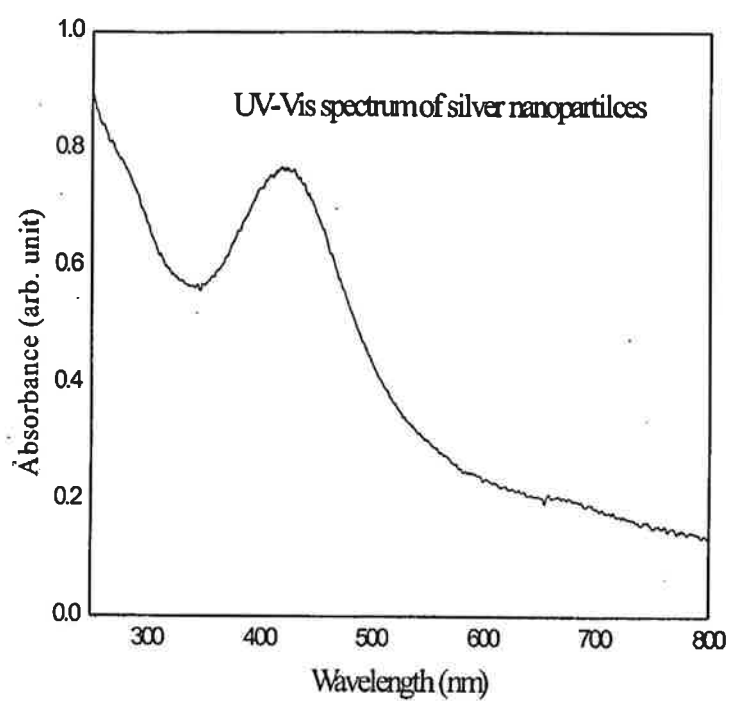


FIGURE - 1

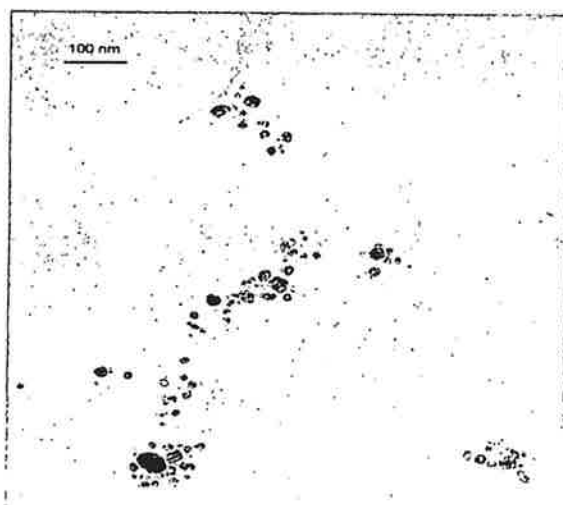


FIGURE - 2

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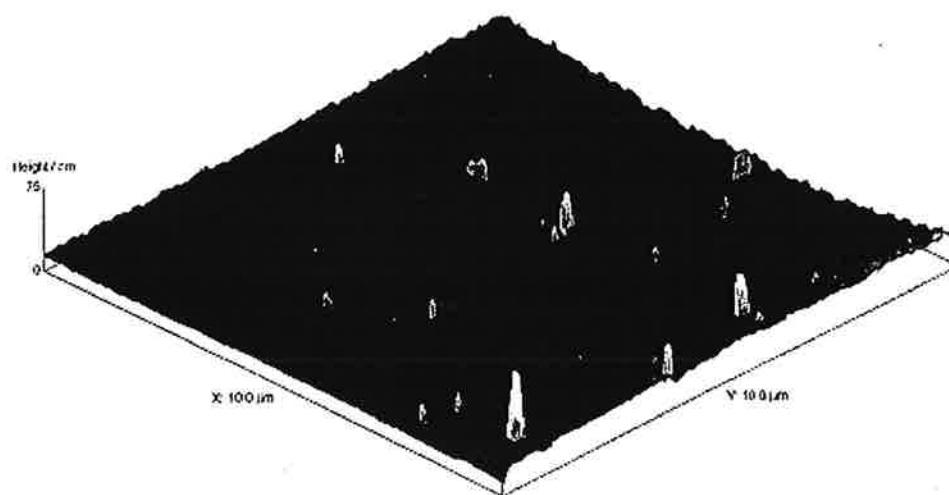


FIGURE - 3 A

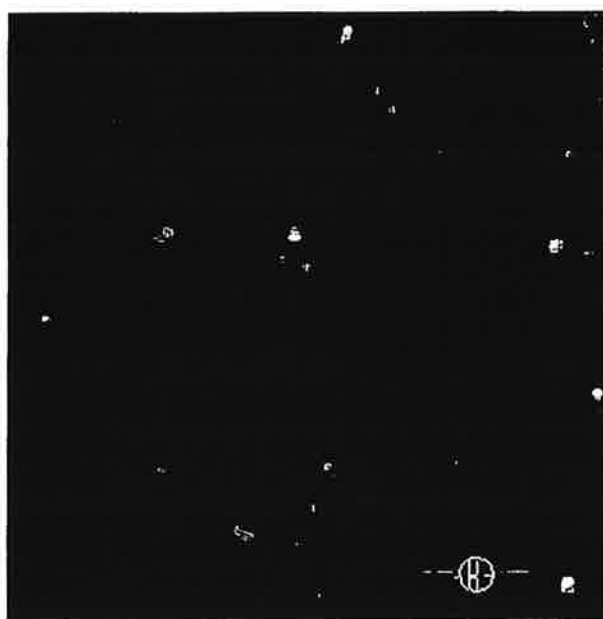


FIGURE - 3 B

Table1

Culture	Nano silver	
	MIC $\pm$ SD ($\mu\text{g/ml}$)	MBC ($\mu\text{g/ml}$)
<i>Escherichia coli</i> ATCC 117	3.12 ± 0.840	12.50
<i>Pseudomonas aeruginosa</i> ATCC 9027	3.12 ± 0.553	12.50
<i>Salmonella abony</i> NCTC 6017	3.12 ± 0.822	12.50
<i>Salmonella typhimurium</i> ATCC 23564	3.12 ± 0.791	12.50
<i>Klebsiella aerogenes</i> ATCC 1950	1.56 ± 0.798	6.25
<i>Proteus vulgaris</i> NCBI 4157	3.12 ± 0.374	12.50
<i>Staphylococcus aureus</i> ATCC 6538P	1.56 ± 0.778	12.50
<i>Bacillus subtilis</i> ATCC 6633	1.56 ± 0.848	12.50
<i>Candida albicans</i> ATCC 2091	12.5 ± 13.46	50

FIGURE - 4

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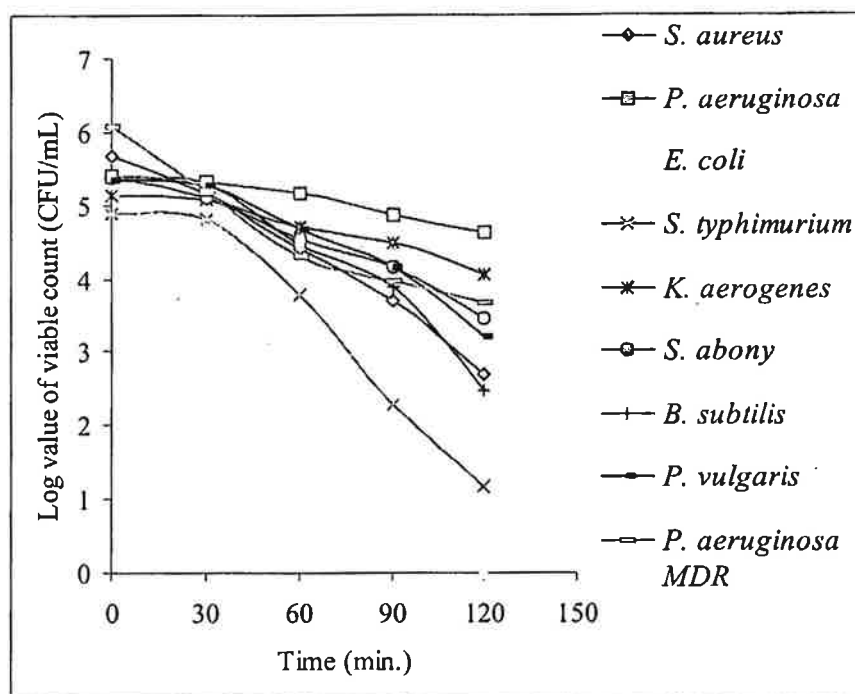


FIGURE - 5

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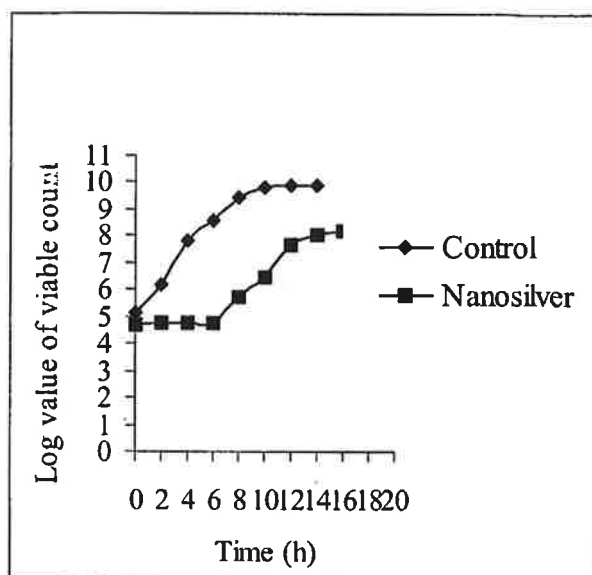


FIGURE - 6 A

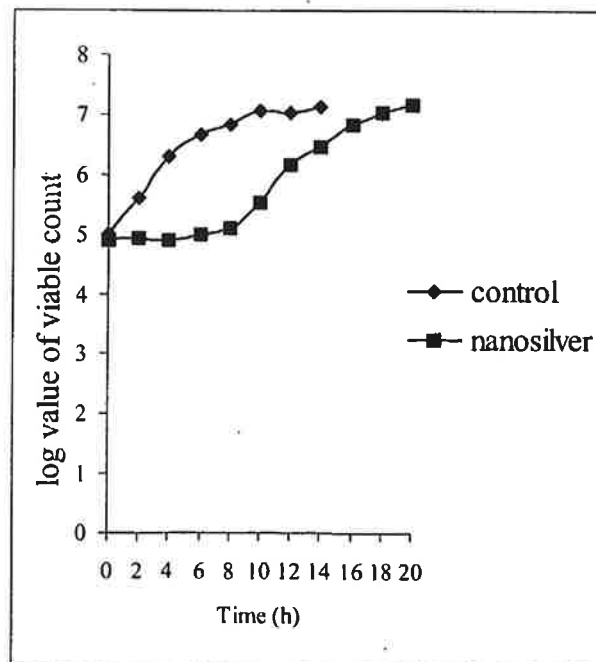


FIGURE - 6 B

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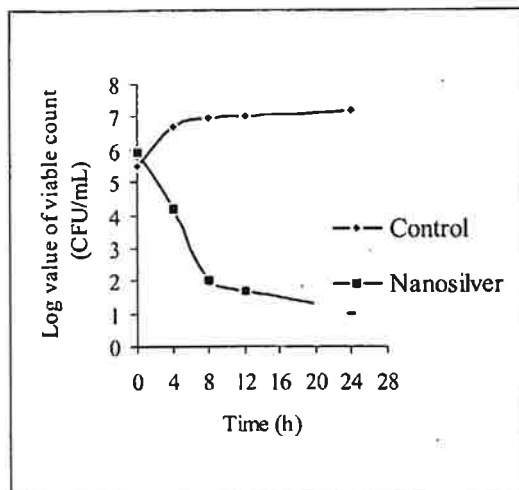


FIGURE - 7 A

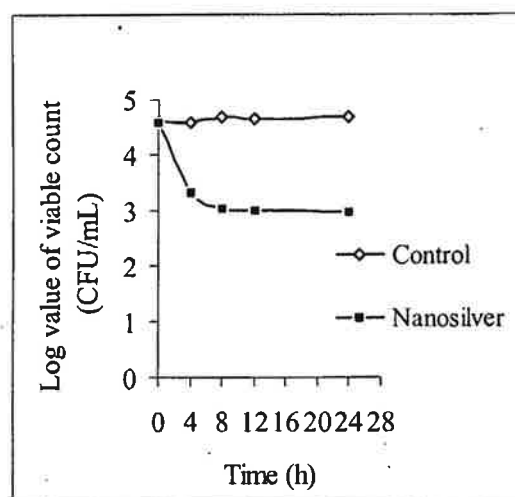


FIGURE - 7 B

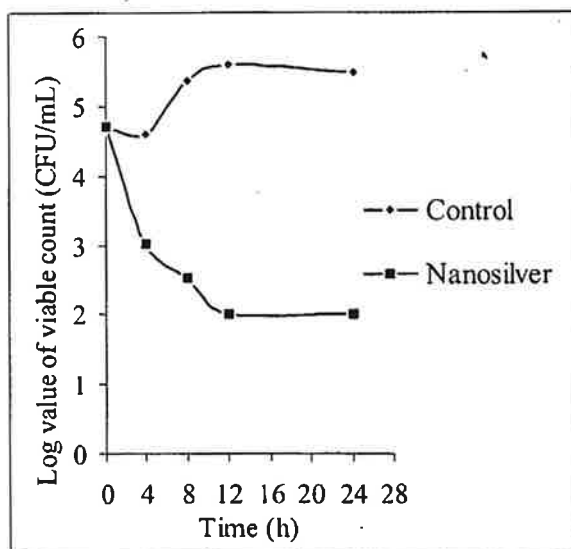


FIGURE - 7 C

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Silver preparation n	% Viability against different Silver Conc. (ppm) with Hep G-2 cell line					
	3.12	6.12	12.5	25	50	Control
EC-Gly	59%	52.50%	44%	22%	18%	100%
EC-PVP	90.50%	48%	29.50%	20%	15%	100%
Chem- Bio	100%	99%	99%	98%	65%	100%
AgNO ₃	27%	10%	9%	6%	5%	100%

FIGURE - 8

Silver preparation n	% Viability against different Silver Conc. (ppm) with K-562 cell line					
	3.12	6.12	12.5	25	50	Control
EC-Gly	62%	58.50%	44%	35%	28%	100%
EC-PVP	90%	54%	32%	26%	20%	100%
Chem- Bio	100%	99%	90%	85%	75%	100%
AgNO ₃	14%	8%	6%	5%	4%	100%

FIGURE - 9

Silver preparation n	% Viability against different Silver Conc. (ppm) with L-929 cell line					
	3.12	6.12	12.5	25	50	Control
EC-Gly	70%	65.50%	48%	37%	21%	100%
EC-PVP	94%	88%	76%	68%	45%	100%
Chem- Bio	99%	99%	96%	84%	65%	100%
AgNO ₃	12%	8%	6%	5%	4%	100%

FIGURE - 10