

**Revealing the medicinal potential of bioactive exopolysaccharide (EPSS10)
produced from *Streptomyces* sp. MAE**

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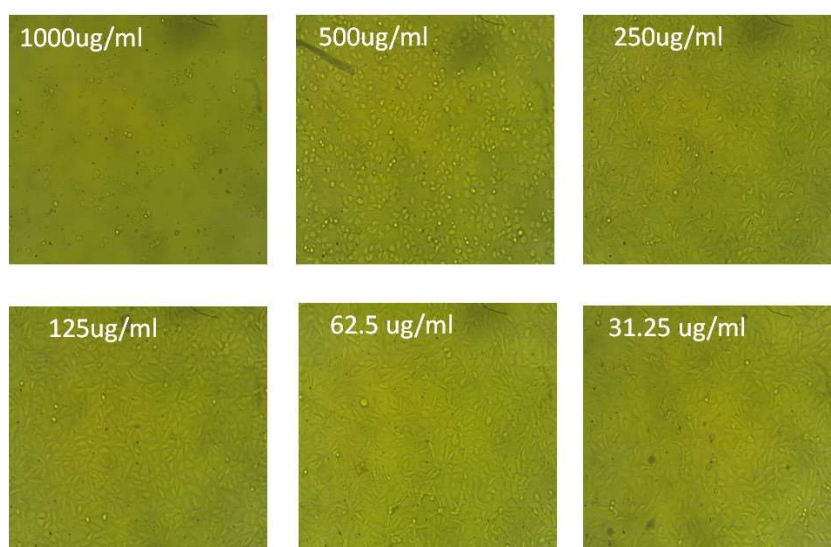
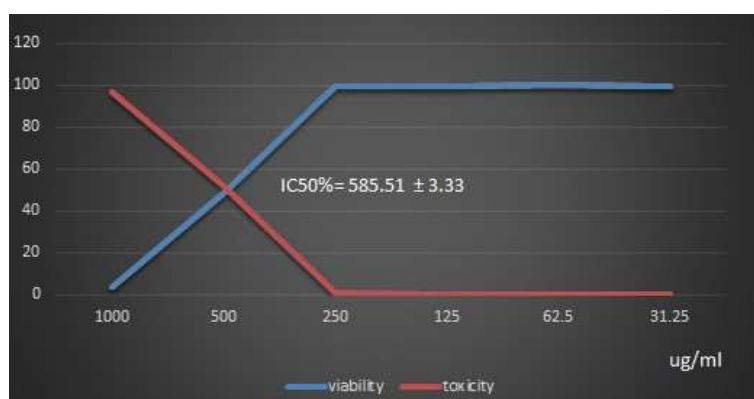
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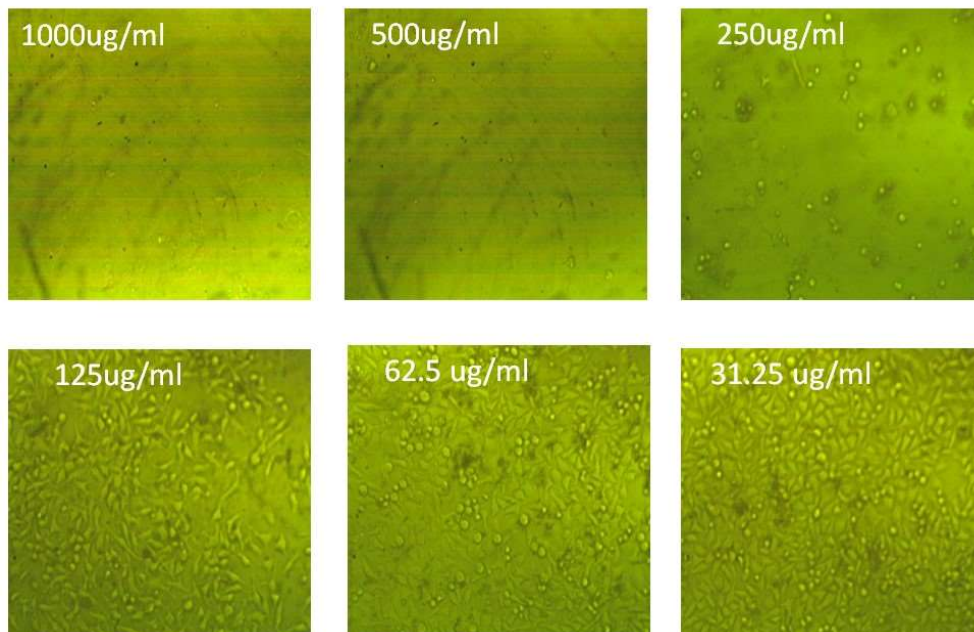
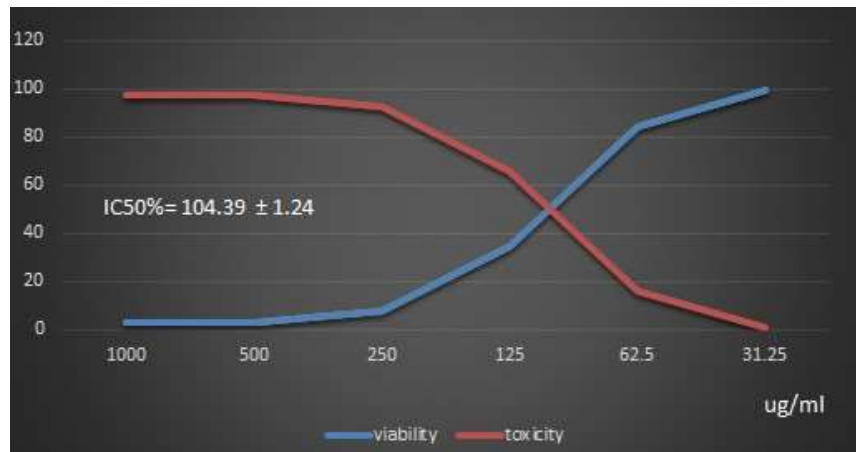
ORCID iD: Mohamed A. Nasr-Eldin, <https://orcid.org/0000-0002-8537-9392>

Supplementary Table (1): Primers used for real-time PCR analysis

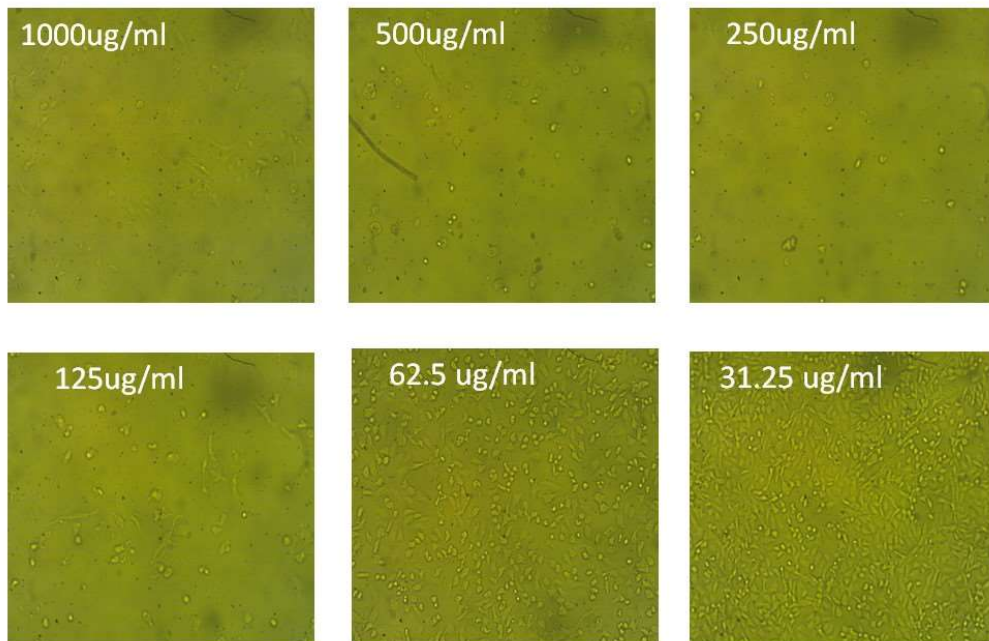
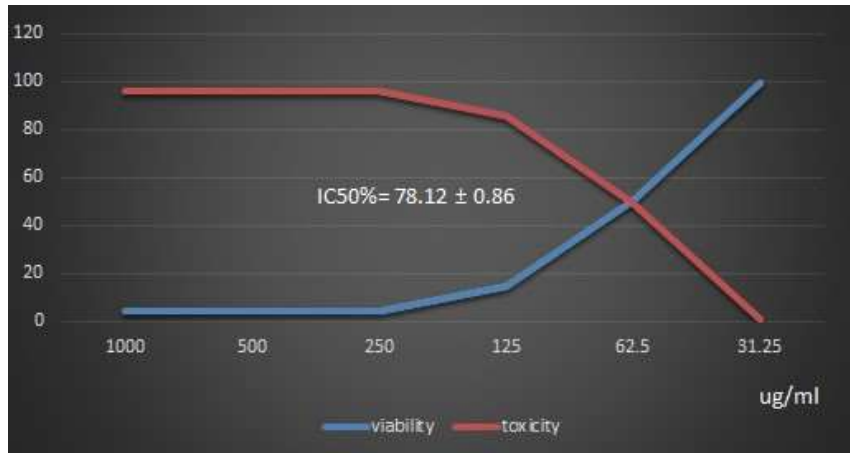
No	Primer Name	Forward primer sequence (5'→3')	Reverse primer sequence (5'→3')
1	Bax	5'-TCAGGATGCGTCCACCAAGAAG -3'	5'-TGTGTCCACGGCGGCAATCATC -3'
2	bcl2	5'-ATCGCCCTGTGGATGACTGAGT-3'	5'-GCCAGGAGAAATCAAACAGAGGC-3'
3	Casp9	5'- GTTTGAGGACCTTCGACCAGCT-3'	5'- CAACGTACCAGGAGCCACTCTT -3'
4	p53	5'- CCTCAGCATCTTATCCGAGTGG-3'	5'-TGGATGGTGGTACAGTCAGAGC -3'
5	CYC	5'- AAGGGAGGCAAGCACAAGACTG -3'	5'- CTCCATCAGTGTATCCTCTCCC -3'
6	GAPDH	5'- GTCTCCTCTGACTTCAACAGCG-3'	5'- ACCACCCTGTTGCTGTAGCCAA-3



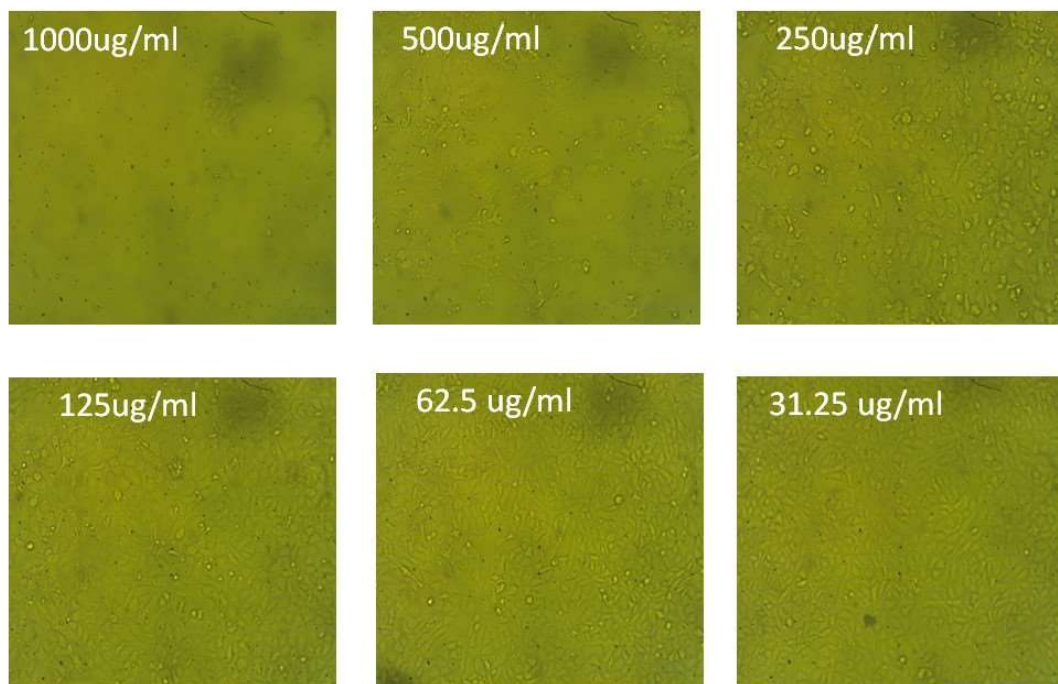
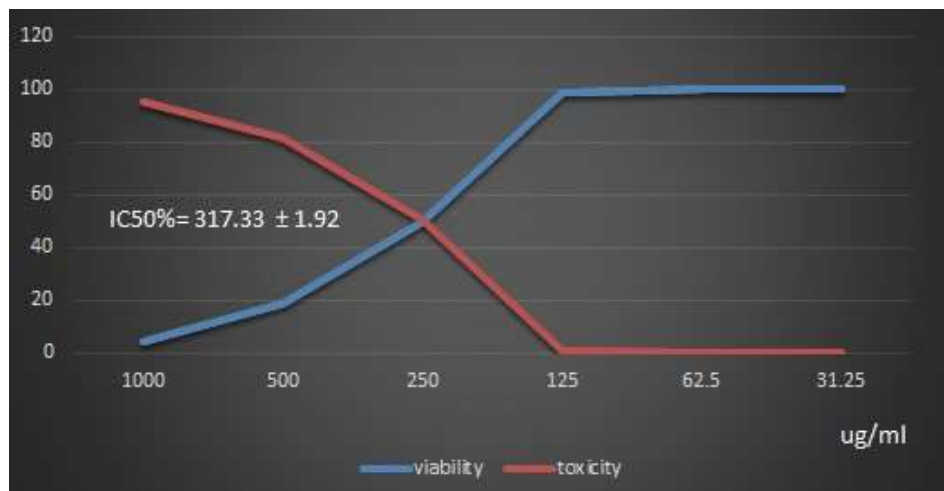
Supplementary Figure (1). Effect of EPSS10 on HepG2 cells at different concentrations



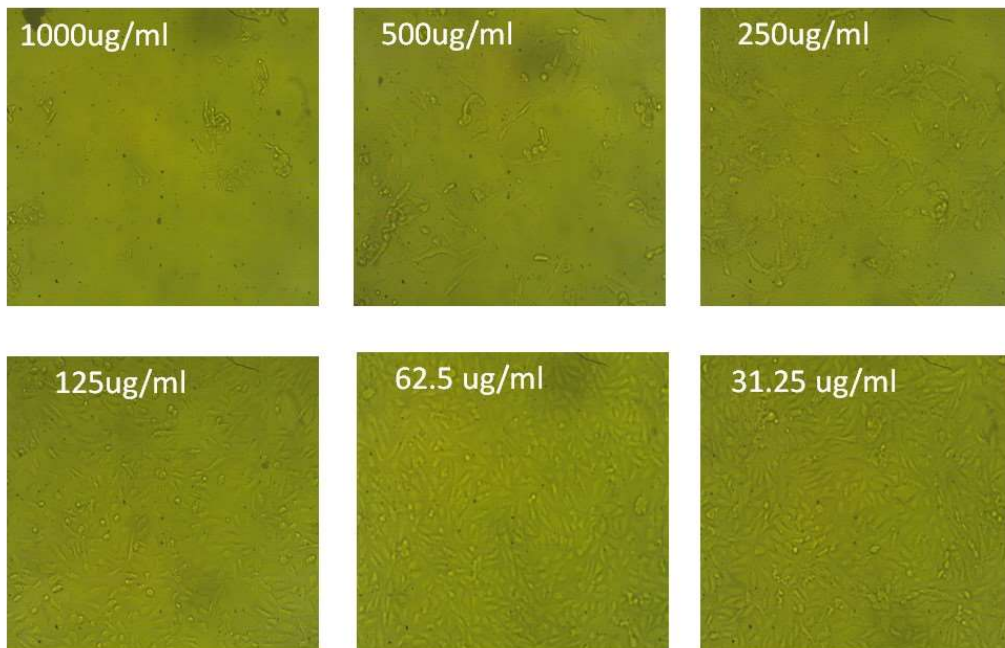
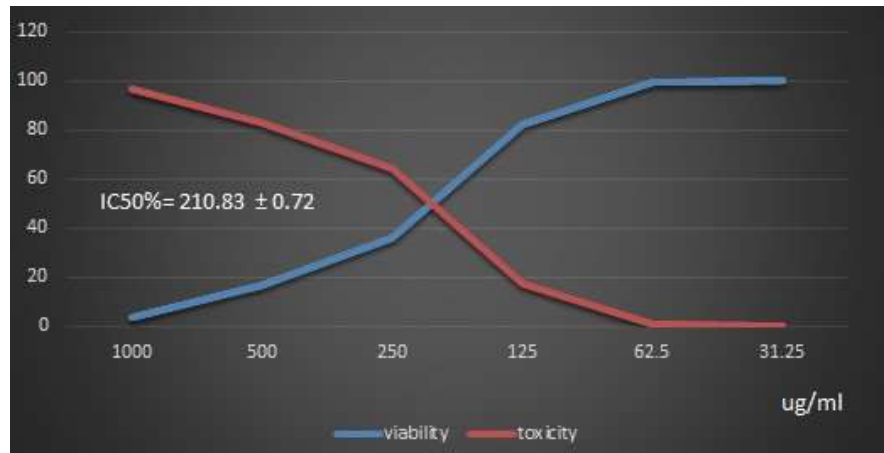
Supplementary Figure (2). Effect of EPSS10 on CaCo2 cells at different concentrations



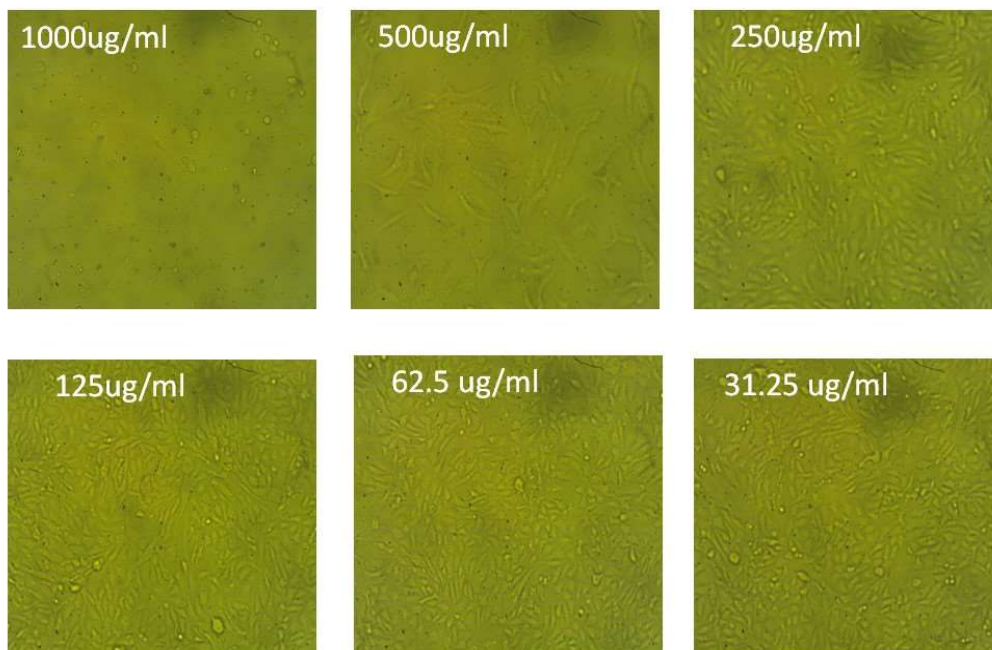
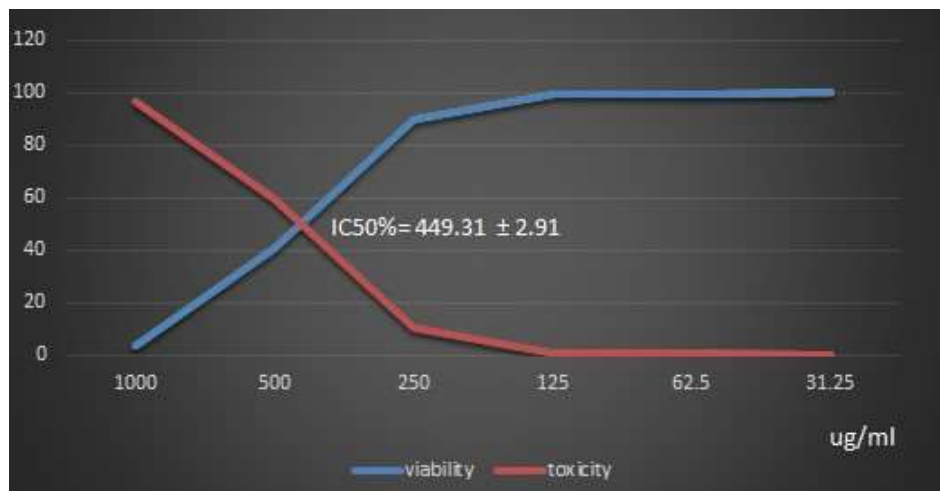
Supplementary Figure (3). Effect of EPSS10 on MCF7 cells at different concentrations



Supplementary Figure (4). Effect of EPSS10 on PC3 cells at different concentrations



Supplementary Figure (5). Effect of EPSS10 on A-549 cells at different concentrations



Supplementary Figure (6). Effect of EPSS10 on PANC-1 cells at different concentrations