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**Submission title:** High Potency EDC-crosslinked Bovine Serum Albumin Nanoencapsulation of Berberine Enhances In Vitro Anticancer Efficacy Against Glioblastoma by Inducing ROS Mediated Cell Apoptosis

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### Table S1

*In vitro* cytotoxicity analysis of BSA NPs, pure BER, and BER-BSA NPs against LN229 cell lines following 24 hrs incubation.

BSA NPs			Free BER			BER-BSA NPs (encapsulated BER)		
Concentration (µg/mL)	Cell viability (%)	±SEM	Concentration (µg/mL)	Cell viability (%)	±SEM	Concentration (µg/mL)	Cell viability (%)	±SEM
0	100	0	0	100	0	0	100	0
25	98.69	0.05	25	53.95	4.40	0.805	82.87	5.05
50	95.97	0.96	50	42.28	3.30	1.61	81.81	5.22
75	96.98	2.43	75	35.43	4.98	3.22	78.38	8.98
100	93.51	2.58	100	27.95	1.50	6.44	68.33	9.57
125	89.45	1.01	125	25.47	4.09	9.66	62.42	9.22
150	90.96	2.98	150	25.50	4.22	12.88	54.09	7.69
						16.1	34.85	8.11

