

Table S1. Raw data from ImageJ analysis of Figure S3 of TEM image of pMyc:AuNPs.

	Area	Mean	Min	Max	Angle	Length (nm)
1	1943.735	68.621	51.239	95.440	0	292.605
2	2109.159	62.647	29.000	103.500	0	321.543
3	1985.091	70.849	50.298	111.918	-7.958	301.943
4	2315.940	120.010	93.754	147.750	-0.526	350.497
5	1819.667	116.475	86.740	196.000	-1.348	273.388
6	2481.364	76.629	46.291	121.225	39.867	381.229
7	1447.462	97.139	74.913	129.000	65.695	218.744
8	2481.364	57.735	30.552	116.000	-62.354	381.134
9	1488.818	102.137	83.409	118.500	-65.283	223.004
10	1612.887	115.093	87.500	162.000	-64.440	245.933
11	1943.735	81.759	46.565	131.000	7.431	298.326
12	1530.174	123.259	95.250	156.500	-4.764	232.314
13	1654.243	119.655	93.657	157.169	11.889	249.730
14	1902.379	128.592	97.462	162.234	16.821	288.888
15	1282.038	91.581	44.000	130.000	0.000	192.926
Average length (nm)						283.480
SD						± 57.95

Table S2. Raw data from ImageJ analysis of Figure S3 of TEM image of pMyc:pMax:AuNPs.

	Area	Mean	Min	Max	Angle	Length (nm)
1	2274.584	200.638	145.198	254.160	45	350.143
2	1488.818	124.461	82.250	157.700	14.036	225.379
3	1861.023	164.984	83.000	210.364	-5.839	284.434
4	1530.174	148.989	87.000	201.701	-85.972	228.861
5	1488.818	119.054	37.575	174.981	15.038	223.073
6	1902.379	159.780	89.500	191.000	13.570	287.777
7	2150.515	203.300	160.118	230.810	41.820	327.911
8	1654.243	175.725	5.000	247.154	-81.254	253.755
9	2274.584	192.867	126.407	250.556	-87.879	347.505
10	2067.803	130.117	65.000	228.843	8.297	311.947
11	1695.599	130.772	5.925	249.200	4.289	257.957
12	2688.144	219.341	112.000	255.000	12.724	408.752
13	1447.462	135.923	88.000	154.685	-45.000	218.271
14	2150.515	166.160	110.997	235.318	40.236	328.541
15	1364.750	151.186	98.000	172.750	3.576	206.189
16	1985.091	220.556	148.838	255.000	-32.005	303.343
17	1199.326	229.863	112.000	255.000	-49.399	177.869
Average length (nm)						278.924
SD						± 63.267

Table S3 Comparative table of NS physical characteristics, peptide concentration, and cytotoxicity in the different cell types.

	Diameter (nm)	Hydrodynamic diameter (nm)	Zeta potential	Peptide concentration (nM)	Highest Cytotoxicity Vero CCL81 (%)	Highest Cytotoxicity LNCAP (%)	Highest Cytotoxicity PC-3 (%)	Highest Cytotoxicity DU145 (%)
<b>AuNPs</b>	5.68 ± 0.84	243.03 ± 12.83	-9.05 ± 6.09	0.00	36.32	2.18	0	20.43
<b>pMyc:AuNPs</b>	3.28 ± 1.16	264.97 ± 4.39	-5.05 ± 3.42	163.60	36.94	13.27	0	16.4
<b>pMax:AuNPs</b>	5.60 ± 1.19	262.57 ± 23.40	-7.67 ± 5.71	200.86	25.43	0	0	43.01
<b>pMyc:pMax:AuNPs</b>	5.78 ± 1.41	225.03 ± 17.65	-10.09 ± 4.04	223.93	4.11	17.75	7.1	0