

Supplementary Material

Functionalization of carbon nanotubes with bovine plasma biowaste by forming the protein corona enhances copper removal from water and ecotoxicity mitigation

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1. Complementary Results

Table S1. XPS quantification of carbon, oxygen and nitrogen from Survey spectra of ox-MWCNT as BP@MWCNT materials.

Materials	Surface chemical composition (%wt)		
	C	O	N
ox-MWCNT	91.7±0.8	8.2±0.8	-
BP@MWCNT	69.4±0.4	17.4±0.6	13.1±0.6

Materials surface elemental composition was investigated by X-ray spectroscopy (XPS) in a K-Alpha System (ThermoFischer Scientific, USA). Survey spectra were obtained using a pass energy of 200 and they were collected at five different areas per sample with spatial resolution of 400 µm. Data were treated using the Thermo Advantage software (version 5.957).

Table S2. Adsorption capacity ($Q_{\max}$ /mg g⁻¹) of ox-MWCNT and BP@MWCNT materials at different doses on the Cu(II) ions removal from reconstituted water

Material	Dose (g L⁻¹)	$Q_{\max}$ (mg g⁻¹)
ox-MWCNT	0.5	155.54 ± 13.81
	1.1	51.85 ± 10.50
	3.5	58.68 ± 10.67
BP@MWCNT	0.5	355.97 ± 55.59
	1.1	191.45 ± 7.91
	3.5	239.69 ± 12.7

Table S3. Comparison of adsorption capacity ($Q_{\max}$ /mg g⁻¹) of CNT-based biomaterials on the Cu(II) ions removal from aqueous solution

Type of CNT	Biomolecules	$Q_{\max}$ (mg g ⁻¹)	References
ox-MWCNT	Bovine plasma proteins	355.9	Our study
ox-MWCNT	Alginate	84.88	Li et al. 2010
NH ₂ -MWCNT	Chitosan	20.1	Salehi et al. 2012
ox-MWCNT	Tartaric acid	29.32	Zao et al. 2015
Acid-CNT	Chitosan	158.73	Tofighy & Mohammadi 2016
Raw MWCNT	Humic acid	68.5	Côa et al. 2017
ox-MWCNT	Chitosan	127.8	Hao et al. 2018

References

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Hao, P., Ma, X., Xie, J., Lei, F., Li, L., Zhu, W., Cheng, X., Cui, G., & Tang, B. (2018). Removal of toxic metal ions using chitosan coated carbon nanotube composites for supercapacitors. *Science China Chemistry*, 61(7). <https://doi.org/10.1007/s11426-017-8215-7>.

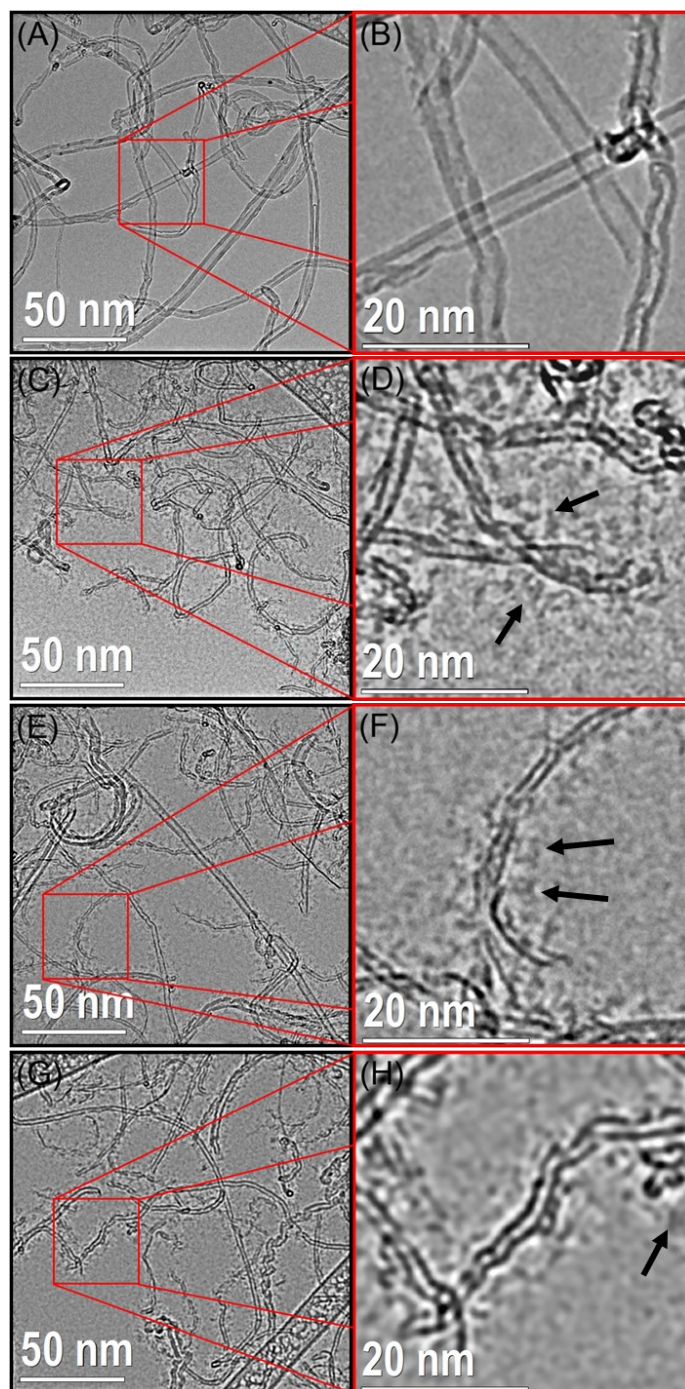


Figure S1. (A) Cryo-TEM image of oxidized multiwalled carbon nanotubes isolated, (B) 4x zoom of the region marked with a red square box in figure 1(A); (C), (E) and (G) Cryo-TEM images of oxidized multiwalled carbon nanotubes corona-coated with bovine plasma (BP@MWCNT), (D), (F) and (H) 4x zoom of the region marked with a red square box in figure 1(C), (E) and (G) respectively.

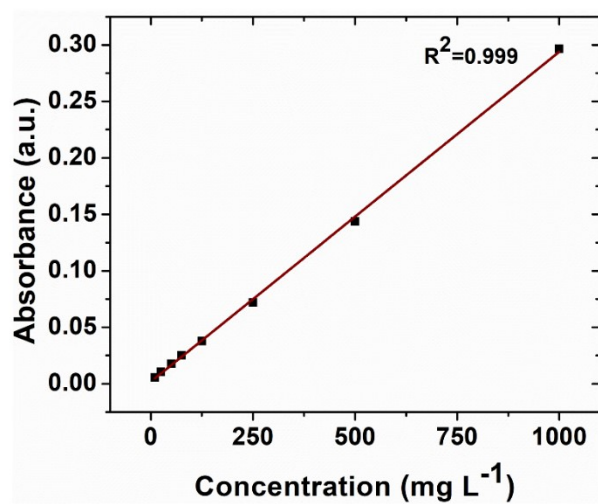


Figure S2. Calibration curve prepared from Cu(II) complexed NH₄OH solutions in different ranges of Cu(II) dilution (from 10 mg L⁻¹ to 1000 mg L⁻¹).

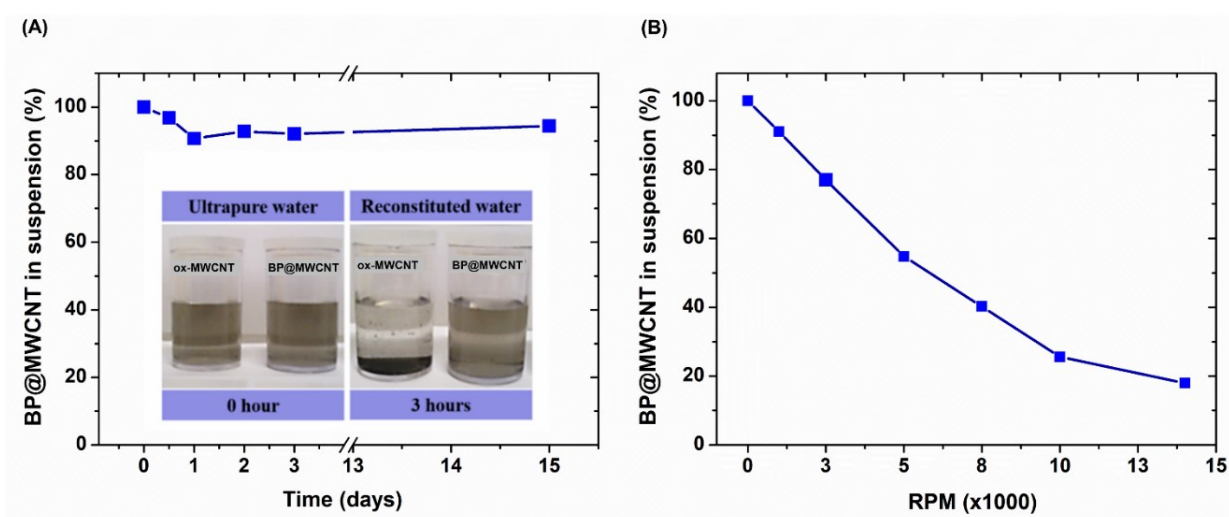


Figure S3. (A) Colloidal stability of BP@MWCNT in reconstituted water over time and (B) by centrifugation. Image inset showing that ox-MWCNTs form unstable suspensions and quickly agglomerate and sediment over a period of 3 h.

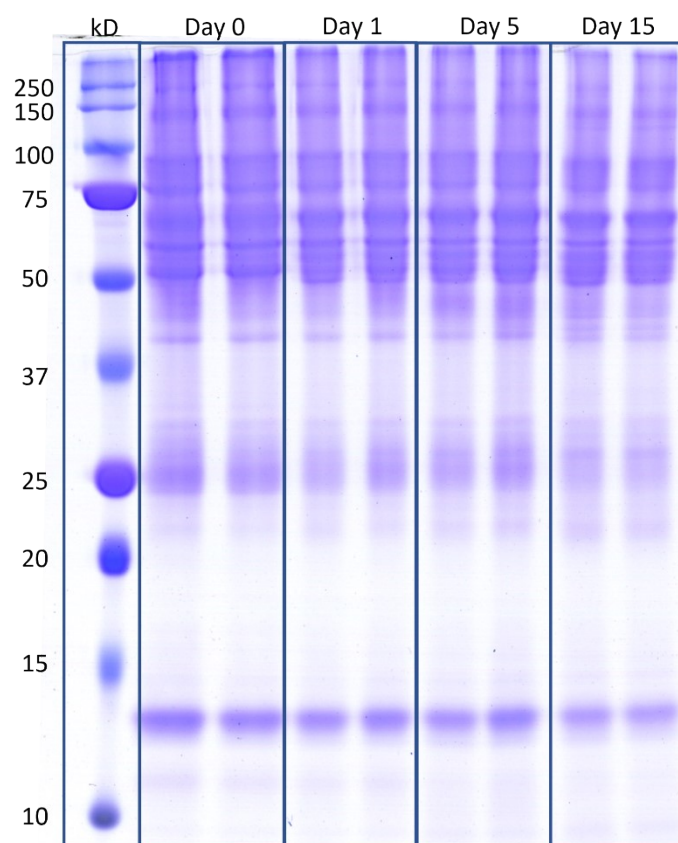


Figure S4. The chemical stability of BP@MWCNT was investigated by SDS-PAGE analysis. In this sense, 100 mg mL⁻¹ of BP@MWCNT were incubated in reconstituted water for 15 days and after the incubation the protein corona was extracted and the remaining proteins observed in a SDS-PAGE Gel.

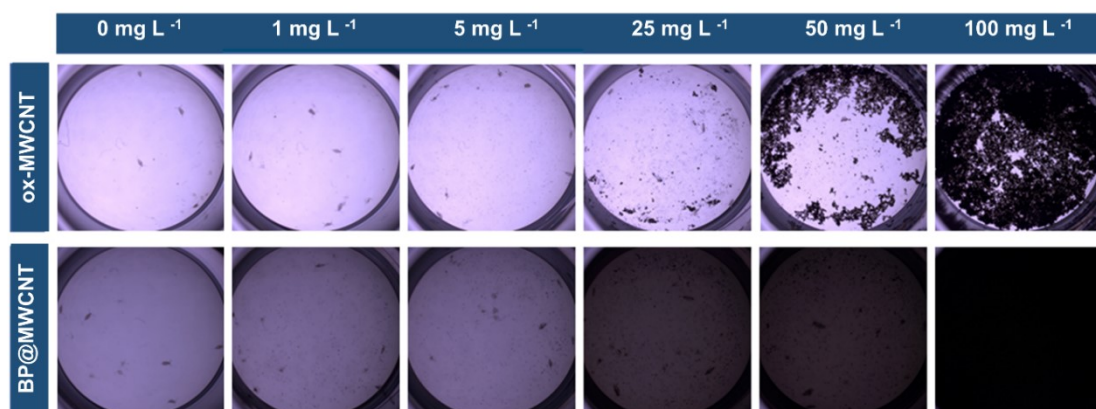


Figure S5. Optical microscopy images of the 24 wells plate from the acute toxicity assays at 48h.

2. Statistical Tables

Statistic table from table 1 data (pag. 47 from manuscript)

Table 1. Variation of hydrodynamic diameter (HD), polydispersity index (PDI), and zeta potential (ZP) measurements (mean $\pm$ SD) of oxidized multiwalled carbon nanotubes (ox-MWCNT) and corona-coated with bovine plasma (BP@MWCNT) in ultrapure water and reconstituted water. For each material two measures were taken, at initial time and after 48 hours in static conditions, except for zeta potential measures, where it was only taken at 0h.

→ Hydrodynamic diameter data:

Normality test (Kolmogorov_Smirnov)

	DF	Statistic	p-value	Decision at level(5%)
ox-MWCNT UPW 0h	3	0.28349	1	Can't reject normality
ox-MWCNT UPW 48h	3	0.25076	1	Can't reject normality
ox-MWCNT RW 0h	3	0.1923	1	Can't reject normality
ox-MWCNT RW 48h	3	0.38482	0.64906	Can't reject normality
BP@MWCNT UPW 0h	3	0.27383	1	Can't reject normality
BP@MWCNT UPW 48h	3	0.31316	0.91998	Can't reject normality
BP MWCNT RW 0h	3	0.26046	1	Can't reject normality
BP MWCNT RW 48h	3	0.17653	1	Can't reject normality

Please refer to the “Decision at level” column for conclusion.

Homogeneity of Variance test (Lavene's test)

	DF	Sum of Squares	Mean Square	F Value	P Value
Model	7	9.88E-04	1.41E-04	1.61314	1
Error	15	0.00131	8.75E-05	0	0

At the 0.05 level, the population variances are not significantly different

Three-way ANOVA: Tukey post hoc test

Material	Time	Solvent	Material	Time	Solvent	MeanDiff	SEM	q Value	Prob	Alpha	Sig	LCL	UCL
ox-MWCNT	0h	--	ox-MWCNT	48h	--	-0.0145	0.00903	-2.27066	0.40499	0.05	0	-0.04052	0.01152
ox-MWCNT	0h	--	BP-MWCNT	0h	--	0.06165	0.00851	10.24329	1.54E-05	0.05	1	0.03712	0.08618
ox-MWCNT	0h	--	BP-MWCNT	48h	--	0.11378	0.00851	18.90364	0	0.05	1	0.08925	0.13831
ox-MWCNT	48h	--	BP-MWCNT	0h	--	0.07615	0.00903	11.92813	2.53E-06	0.05	1	0.05013	0.10217
ox-MWCNT	48h	--	BP-MWCNT	48h	--	0.12827	0.00903	20.09318	0	0.05	1	0.10225	0.15429
BP-MWCNT	0h	--	BP-MWCNT	48h	--	0.05213	0.00851	8.66035	1.03E-04	0.05	1	0.02759	0.07666
ox-MWCNT	--	UPW	ox-MWCNT	--	RW	-0.76693	0.00903	-120.134	0	0.05	1	-0.79295	-0.7409
ox-MWCNT	--	UPW	BP-MWCNT	--	UPW	-0.29704	0.00851	-49.3525	0	0.05	1	-0.32158	-0.27251
ox-MWCNT	--	UPW	BP-MWCNT	--	RW	-0.27996	0.00851	-46.5135	2.57E-06	0.05	1	-0.30449	-0.25542
ox-MWCNT	--	RW	BP-MWCNT	--	UPW	0.46988	0.00903	73.604	0	0.05	1	0.44386	0.4959
ox-MWCNT	--	RW	BP-MWCNT	--	RW	0.48697	0.00903	76.28064	0	0.05	1	0.46095	0.51299
BP-MWCNT	--	UPW	BP-MWCNT	--	RW	0.01709	0.00851	2.839	0.2287	0.05	0	-0.00744	0.04162
--	0h	UPW	--	0h	RW	-0.35884	0.00851	-59.6194	1.74E-07	0.05	1	-0.38337	-0.33431
--	0h	UPW	--	48h	UPW	0.0349	0.00851	5.79778	0.00468	0.05	1	0.01036	0.05943
--	0h	UPW	--	48h	RW	-0.3561	0.00903	-55.7815	0	0.05	1	-0.38212	-0.33008
--	0h	RW	--	48h	UPW	0.39373	0.00851	65.41714	1.67E-08	0.05	1	0.3692	0.41827
--	0h	RW	--	48h	RW	0.00273	0.00903	0.4282	0.98996	0.05	0	-0.02329	0.02875
--	48h	UPW	--	48h	RW	-0.391	0.00903	-61.2477	2.51E-07	0.05	1	-0.41702	-0.36498
ox-MWCNT	0h	UPW	ox-MWCNT	0h	RW	-0.73264	0.01204	-86.072	0	0.05	1	-0.77468	-0.69059
ox-MWCNT	0h	UPW	ox-MWCNT	48h	UPW	0.01979	0.01204	2.32552	0.71922	0.05	0	-0.02225	0.06184
ox-MWCNT	0h	UPW	ox-MWCNT	48h	RW	-0.78142	0.01346	-82.1115	0	0.05	1	-0.82843	-0.73441
ox-MWCNT	0h	UPW	BP-MWCNT	0h	UPW	-0.31214	0.01204	-36.6716	0	0.05	1	-0.35419	-0.2701
ox-MWCNT	0h	UPW	BP-MWCNT	0h	RW	-0.29719	0.01204	-34.9142	0	0.05	1	-0.33923	-0.25514
ox-MWCNT	0h	UPW	BP-MWCNT	48h	UPW	-0.26215	0.01204	-30.7978	0	0.05	1	-0.3042	-0.2201

ox-MWCNT	0h	UPW	BP-MWCNT	48h	RW	-0.24293	0.01204	-28.5404	0	0.05	1	-0.28498	-0.20088
ox-MWCNT	0h	RW	ox-MWCNT	48h	UPW	0.75243	0.01204	88.3975	0	0.05	1	0.71038	0.79448
ox-MWCNT	0h	RW	ox-MWCNT	48h	RW	-0.04879	0.01346	-5.12642	0.03927	0.05	1	-0.0958	-0.00178
ox-MWCNT	0h	RW	BP-MWCNT	0h	UPW	0.42049	0.01204	49.40036	0	0.05	1	0.37844	0.46254
ox-MWCNT	0h	RW	BP-MWCNT	0h	RW	0.43545	0.01204	51.15782	0	0.05	1	0.3934	0.4775
ox-MWCNT	0h	RW	BP-MWCNT	48h	UPW	0.47049	0.01204	55.27414	0	0.05	1	0.42844	0.51254
ox-MWCNT	0h	RW	BP-MWCNT	48h	RW	0.4897	0.01204	57.53163	0	0.05	1	0.44766	0.53175
ox-MWCNT	48h	UPW	ox-MWCNT	48h	RW	-0.80122	0.01346	-84.1915	0	0.05	1	-0.84823	-0.7542
ox-MWCNT	48h	UPW	BP-MWCNT	0h	UPW	-0.33194	0.01204	-38.9971	0	0.05	1	-0.37399	-0.28989
ox-MWCNT	48h	UPW	BP-MWCNT	0h	RW	-0.31698	0.01204	-37.2397	0	0.05	1	-0.35903	-0.27493
ox-MWCNT	48h	UPW	BP-MWCNT	48h	UPW	-0.28194	0.01204	-33.1234	0	0.05	1	-0.32399	-0.23989
ox-MWCNT	48h	UPW	BP-MWCNT	48h	RW	-0.26273	0.01204	-30.8659	0	0.05	1	-0.30477	-0.22068
ox-MWCNT	48h	RW	BP-MWCNT	0h	UPW	0.46928	0.01346	49.31144	0	0.05	1	0.42227	0.51629
ox-MWCNT	48h	RW	BP-MWCNT	0h	RW	0.48424	0.01346	50.88336	0	0.05	1	0.43722	0.53125
ox-MWCNT	48h	RW	BP-MWCNT	48h	UPW	0.51927	0.01346	54.56511	0	0.05	1	0.47226	0.56628
ox-MWCNT	48h	RW	BP-MWCNT	48h	RW	0.53849	0.01346	56.58427	0	0.05	1	0.49148	0.5855
BP-MWCNT	0h	UPW	BP-MWCNT	0h	RW	0.01496	0.01204	1.75746	0.906	0.05	0	-0.02709	0.05701
BP-MWCNT	0h	UPW	BP-MWCNT	48h	UPW	0.05	0.01204	5.87378	0.01467	0.05	1	0.00795	0.09204
BP-MWCNT	0h	UPW	BP-MWCNT	48h	RW	0.06921	0.01204	8.13127	7.69E-04	0.05	1	0.02716	0.11126
BP-MWCNT	0h	RW	BP-MWCNT	48h	UPW	0.03504	0.01204	4.11631	0.139	0.05	0	-0.00701	0.07709
BP-MWCNT	0h	RW	BP-MWCNT	48h	RW	0.05425	0.01204	6.37381	0.00755	0.05	1	0.01221	0.0963
BP-MWCNT	48h	UPW	BP-MWCNT	48h	RW	0.01922	0.01204	2.25749	0.74584	0.05	0	-0.02283	0.06126

Sig equals 1 indicates that the difference of the means is significant at the 0.05 level.

Sig equals 0 indicates that the difference of the means is NOT significant at the 0.05 level.

➔ Polydispersity data:

Normality test (Kolmogorov_Smirnov)

	DF	Statistic	p-value	Decision at level(5%)
ox-MWCNT UPW 0h	3	0.2107	1	Can't reject normality
ox-MWCNT UPW 48h	3	0.1777	1	Can't reject normality
ox-MWCNT RW 0h	3	0.37336	0.68486	Can't reject normality
ox-MWCNT RW 48h	3	0.28283	1	Can't reject normality
BP@MWCNT UPW 0h	3	3.07E-01	9.53E-01	Can't reject normality
BP@MWCNT UPW 48h	3	0.32143	8.77E-01	Can't reject normality
BP MWCNT RW 0h	3	0.1774	1	Can't reject normality
BP MWCNT RW 48h	3	0.32835	0.84124	Can't reject normality

Please refer to the “Decision at level” column for conclusion.

Homogeneity of Variance test (Lavene’s test)

	DF	Sum of Squares	Mean Square	F Value	P Value
Model	7	0.12969	0.01853	3.70527	9.95E-01
Error	16	0.08	0.005	0	0.00E+00

At the 0.05 level, the population variances are not significantly different

Three way ANOVA: Tukey post hoc test

Material	Time	Solvent	Material	Time	Solvent	MeanDiff	SEM	q Value	Prob	Alpha	Sig	LCL	UCL
ox-MWCNT	0h	--	ox-MWCNT	48h	--	0.03137	0.06255	0.7092	0.95755	0.05	0	-0.14758	0.21032
ox-MWCNT	0h	--	BP-MWCNT	0h	--	0.14644	0.06255	3.31114	0.12994	0.05	0	-0.0325	0.32539
ox-MWCNT	0h	--	BP-MWCNT	48h	--	0.22731	0.06255	5.13941	1.08E-02	0.05	1	0.04836	0.40625
ox-MWCNT	48h	--	BP-MWCNT	0h	--	0.11508	0.06255	2.60194	0.29176	0.05	0	-0.06387	0.29403
ox-MWCNT	48h	--	BP-MWCNT	48h	--	0.19594	0.06255	4.43021	0.02947	0.05	1	0.01699	0.37489
BP-MWCNT	0h	--	BP-MWCNT	48h	--	0.08086	0.06255	1.82827	0.58029	0.05	0	-0.09809	0.25981
ox-MWCNT	--	UPW	ox-MWCNT	--	RW	-0.30068	0.06255	-6.79843	1.00E-03	0.05	1	-0.47963	-0.12173
ox-MWCNT	--	UPW	BP-MWCNT	--	UPW	0.02777	0.06255	0.62789	0.96984	0.05	0	-0.15118	0.20672
ox-MWCNT	--	UPW	BP-MWCNT	--	RW	0.01393	0.06255	0.31503	0.99594	0.05	0	-0.16502	0.19288
ox-MWCNT	--	RW	BP-MWCNT	--	UPW	0.32845	0.06255	7.42632	4.16E-04	0.05	1	0.1495	0.5074
ox-MWCNT	--	RW	BP-MWCNT	--	RW	0.31461	0.06255	7.11346	6.42E-04	0.05	1	0.13566	0.49356
BP-MWCNT	--	UPW	BP-MWCNT	--	RW	-0.01384	0.06255	-0.31286	9.96E-01	0.05	0	-0.19279	0.16511
--	0h	UPW	--	0h	RW	-0.18365	0.06255	-4.15232	0.04326	0.05	1	-0.3626	-0.0047
--	0h	UPW	--	48h	UPW	0.02972	0.06255	0.67206	0.96347	0.05	0	-0.14923	0.20867
--	0h	UPW	--	48h	RW	-0.10115	0.06255	-2.28691	0.39731	0.05	0	-0.28009	0.0778
--	0h	RW	--	48h	UPW	0.21337	0.06255	4.82438	0.01691	0.05	1	0.03442	0.39232
--	0h	RW	--	48h	RW	0.0825	0.06255	1.86541	0.5647	0.05	0	-0.09645	0.26145
--	48h	UPW	--	48h	RW	-0.13087	0.06255	-2.95897	0.19756	0.05	0	-0.30982	0.04808
ox-MWCNT	0h	UPW	ox-MWCNT	0h	RW	-0.34331	0.08846	-5.4888	0.02251	0.05	1	-0.64956	-0.03707
ox-MWCNT	0h	UPW	ox-MWCNT	48h	UPW	-0.01127	0.08846	-0.1801	1	0.05	0	-0.31751	0.29498
ox-MWCNT	0h	UPW	ox-MWCNT	48h	RW	-0.26931	0.08846	-4.30574	0.107	0.05	0	-0.57556	0.03693
ox-MWCNT	0h	UPW	BP-MWCNT	0h	UPW	-0.01322	0.08846	-0.21134	1	0.05	0	-0.31947	0.29303
ox-MWCNT	0h	UPW	BP-MWCNT	0h	RW	-0.0372	0.08846	-0.59481	0.99984	0.05	0	-0.34345	0.26904
ox-MWCNT	0h	UPW	BP-MWCNT	48h	UPW	0.05749	0.08846	0.9192	0.99731	0.05	0	-0.24875	0.36374

ox-MWCNT	0h	UPW	BP-MWCNT	48h	RW	0.0538	0.08846	0.86022	0.99822	0.05	0	-0.25244	0.36005
ox-MWCNT	0h	RW	ox-MWCNT	48h	UPW	0.33205	0.08846	5.3087	0.02876	0.05	1	0.0258	0.63829
ox-MWCNT	0h	RW	ox-MWCNT	48h	RW	0.074	0.08846	1.18306	0.98791	0.05	0	-0.23225	0.38024
ox-MWCNT	0h	RW	BP-MWCNT	0h	UPW	0.33009	0.08846	5.27746	0.03	0.05	1	0.02385	0.63634
ox-MWCNT	0h	RW	BP-MWCNT	0h	RW	0.30611	0.08846	4.89399	0.05015	0.05	0	-1.39E-04	0.61236
ox-MWCNT	0h	RW	BP-MWCNT	48h	UPW	0.40081	0.08846	6.408	0.00635	0.05	1	0.09456	0.70705
ox-MWCNT	0h	RW	BP-MWCNT	48h	RW	0.39712	0.08846	6.34902	0.00689	0.05	1	0.09087	0.70336
ox-MWCNT	48h	UPW	ox-MWCNT	48h	RW	-0.25805	0.08846	-4.12564	0.13352	0.05	0	-0.5643	0.0482
ox-MWCNT	48h	UPW	BP-MWCNT	0h	UPW	-0.00195	0.08846	-0.03123	1	0.05	0	-0.3082	0.30429
ox-MWCNT	48h	UPW	BP-MWCNT	0h	RW	-0.02594	0.08846	-0.4147	0.99999	0.05	0	-0.33219	0.28031
ox-MWCNT	48h	UPW	BP-MWCNT	48h	UPW	0.06876	0.08846	1.0993	0.99209	0.05	0	-0.23749	0.37501
ox-MWCNT	48h	UPW	BP-MWCNT	48h	RW	0.06507	0.08846	1.04033	0.9943	0.05	0	-0.24118	0.37132
ox-MWCNT	48h	RW	BP-MWCNT	0h	UPW	0.2561	0.08846	4.0944	1.39E-01	0.05	0	-0.05015	0.56234
ox-MWCNT	48h	RW	BP-MWCNT	0h	RW	0.23211	0.08846	3.71093	0.21663	0.05	0	-0.07414	0.53836
ox-MWCNT	48h	RW	BP-MWCNT	48h	UPW	0.32681	0.08846	5.22494	0.03221	0.05	1	0.02056	0.63306
ox-MWCNT	48h	RW	BP-MWCNT	48h	RW	0.32312	0.08846	5.16596	0.03487	0.05	1	0.01687	0.62937
BP-MWCNT	0h	UPW	BP-MWCNT	0h	RW	-0.02399	0.08846	-0.38347	0.99999	0.05	0	-0.33023	0.28226
BP-MWCNT	0h	UPW	BP-MWCNT	48h	UPW	0.07071	0.08846	1.13054	0.99069	0.05	0	-0.23553	0.37696
BP-MWCNT	0h	UPW	BP-MWCNT	48h	RW	0.06702	0.08846	1.07156	0.9932	0.05	0	-0.23922	0.37327
BP-MWCNT	0h	RW	BP-MWCNT	48h	UPW	0.0947	0.08846	1.51401	0.95428	0.05	0	-0.21155	0.40094
BP-MWCNT	0h	RW	BP-MWCNT	48h	RW	0.09101	0.08846	1.45503	0.96267	0.05	0	-0.21524	0.39726
BP-MWCNT	48h	UPW	BP-MWCNT	48h	RW	-0.00369	0.08846	-0.05898	1	0.05	0	-0.30994	0.30256

Sig equals 1 indicates that the difference of the means is significant at the 0.05 level.

Sig equals 0 indicates that the difference of the means is NOT significant at the 0.05 level.

Statistic table from Figure 4 data (pag. 24 from manuscript)

Figure 4. Adsorption of Cu(II) in reconstituted water by the oxidized multiwalled carbon nanotubes (ox-MWCNT) and corona-coated with bovine plasma (BP@MWCNT) at room temperature. Different letters indicate significative differences among the concentrations (two-way ANOVA) with Tukey *post hoc* tests ($P < 0.05$).

Normality test (Kolmogorov_Smirnov)

	DF	Statistic	p-value	Decision at level(5%)
0.5 g/L - ox-MWCNT	3	0.37824	0.66951	Can't reject normality
1.1 g/L - ox-MWCNT	3	0.20448	1	Can't reject normality
3.5 g/L - ox-MWCNT	3	0.21935	1	Can't reject normality
0.5 g/L - BP@MWCNT	3	0.27961	1	Can't reject normality
1.1 g/L - BP@MWCNT	3	0.31394	0.91601	Can't reject normality
3.5 g/L - BP@MWCNT	3	0.2107	1	Can't reject normality

Please refer to the “Decision at level” column for conclusion.

Homogeneity of Variance test (Brown-Forsythe test)

	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	5	5.16885	1.03377	0.68322	0.64502
Error	12	18.157	1.51308		

At the 0.05 level, the population variances are not significantly different

Two-way ANOVA: Tukey post hoc test

Material	Conc.	Material	Conc.	MeanDiff	SEM	q Value	Prob	Alpha	Sig	LCL	UCL
ox-MWCNT	1.1 g/L	ox-MWCNT	0.5 g/L	-2.48132	1.48409	2.36448	0.57215	0.05	0	-7.46627	2.50363
ox-MWCNT	3.5 g/L	ox-MWCNT	0.5 g/L	1.02032	1.48409	0.97228	0.98	0.05	0	-3.96463	6.00527
ox-MWCNT	3.5 g/L	ox-MWCNT	1.1 g/L	3.50164	1.48409	3.33676	0.24388	0.05	0	-1.48331	8.48659
BP@MWCNT	0.5 g/L	ox-MWCNT	0.5 g/L	10.0568	1.48409	9.58327	2.21E-04	0.05	1	5.07185	15.04176
BP@MWCNT	0.5 g/L	ox-MWCNT	1.1 g/L	12.53812	1.48409	11.94775	2.48E-05	0.05	1	7.55317	17.52307
BP@MWCNT	0.5 g/L	ox-MWCNT	3.5 g/L	9.03648	1.48409	8.61099	5.97E-04	0.05	1	4.05153	14.02144
BP@MWCNT	1.1 g/L	ox-MWCNT	0.5 g/L	13.6714	1.48409	13.02767	1.00E-05	0.05	1	8.68645	18.65635
BP@MWCNT	1.1 g/L	ox-MWCNT	1.1 g/L	16.15272	1.48409	15.39215	1.61E-06	0.05	1	11.16777	21.13767
BP@MWCNT	1.1 g/L	ox-MWCNT	3.5 g/L	12.65108	1.48409	12.05539	2.26E-05	0.05	1	7.66613	17.63603
BP@MWCNT	1.1 g/L	BP@MWCNT	0.5 g/L	3.61459	1.48409	3.4444	0.21835	0.05	0	-1.37036	8.59954
BP@MWCNT	3.5 g/L	ox-MWCNT	0.5 g/L	30.05003	1.48409	28.6351	0	0.05	1	25.06508	35.03498
BP@MWCNT	3.5 g/L	ox-MWCNT	1.1 g/L	32.53135	1.48409	30.99958	0	0.05	1	27.54639	37.5163
BP@MWCNT	3.5 g/L	ox-MWCNT	3.5 g/L	29.02971	1.48409	27.66282	0	0.05	1	24.04476	34.01466
BP@MWCNT	3.5 g/L	BP@MWCNT	0.5 g/L	19.99322	1.48409	19.05183	1.68E-07	0.05	1	15.00827	24.97817
BP@MWCNT	3.5 g/L	BP@MWCNT	1.1 g/L	16.37863	1.48409	15.60743	1.37E-06	0.05	1	11.39368	21.36358

Sig equals 1 indicates that the difference of the means is significant at the 0.05 level.

Sig equals 0 indicates that the difference of the means is NOT significant at the 0.05 level.

Statistic table from Figure 5 data (pag. 30 from manuscript)

Figure 5. Monitoring the dispersion stability (absorption at 450 nm) of the oxidized multiwalled carbon nanotubes (A) (ox-MWCNT) and corona-coated with bovine plasma (B) (BP@MWCNT). Means that do not share a letter are significant differently (Three-Way ANOVA) in *post hoc* Tukey tests ($P < 0.05$).

Normality test (Kolmogorov_Smirnov)

	DF	Statistic	p-value	Decision at level (5%)
1(0h)ox	3	0.25304	1	Can't reject normality
5(0h)ox	3	0.38482	0.64906	Can't reject normality
25(0h)ox	3	0.27591	1	Can't reject normality
50(0h)ox	3	0.32562	0.8556	Can't reject normality
100(0h)ox	3	0.18066	1	Can't reject normality
1(24h)ox	3	0.17468	1	Can't reject normality
5(24h)ox	3	0.1871	1	Can't reject normality
25(24h)ox	3	0.21935	1	Can't reject normality
50(24h)ox	3	0.25304	1	Can't reject normality
100(24h)ox	3	0.19613	1	Can't reject normality
1(48h)ox	3	0.38482	0.64906	Can't reject normality
5(48h)ox	3	0.33678	0.80335	Can't reject normality
25(48h)ox	3	0.29228	1	Can't reject normality
50(48h)ox	3	0.34038	0.79141	Can't reject normality
100(48h)ox	3	0.38482	0.64906	Can't reject normality
1(0h)BP	3	0.38482	0.64906	Can't reject normality
5(0h)BP	3	0.38482	0.64906	Can't reject normality
25(0h)BP	3	0.29228	1	Can't reject normality
50(0h)BP	3	0.31911	0.88945	Can't reject normality
100(0h)BP	3	0.22248	1	Can't reject normality
1(24h)BP	3	0.38482	0.64906	Can't reject normality
5(24h)BP	3	0.25304	1	Can't reject normality
25(24h)BP	3	0.17468	1	Can't reject normality
50(24h)BP	3	0.17468	1	Can't reject normality
100(24h)BP	3	0.26917	1	Can't reject normality
1(48h)BP	3	0.17468	1	Can't reject normality
5(48h)BP	3	0.38482	0.64906	Can't reject normality
25(48h)BP	3	0.38482	0.64906	Can't reject normality
50(48h)BP	3	0.17468	1	Can't reject normality
100(48h)BP	3	0.23218	1	Can't reject normality

Please refer to the "Decision at level" column for conclusion.

Ox = ox-MWCNT and BP = BP@MWCNT

Homogeneity of Variance test (Brown-Forsythe test)

	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	29	260.8785	8.99581	0.82713	0.7074
Error	60	652.5526	10.87588		

At the 0.05 level, the population variances are not significantly different

Three-way ANOVA: Tukey post hoc test

Material	Conc.	Time	Material	Conc.	Time	MeanDiff	SEM	q Value	Prob	Alpha	Sig	LCL	UCL
ox-MWCNT	1mg/L	--	ox-MWCNT	5mg/L	--	34.6722	1.77395	27.64104	9.71E-08	0.05	1	28.84391	40.5005
ox-MWCNT	1mg/L	--	ox-MWCNT	25mg/L	--	45.78162	1.77395	36.49758	0	0.05	1	39.95332	51.60991
ox-MWCNT	1mg/L	--	ox-MWCNT	50mg/L	--	45.96366	1.77395	36.6427	0	0.05	1	40.13536	51.79195
ox-MWCNT	1mg/L	--	ox-MWCNT	100mg/L	--	46.45214	1.77395	37.03213	0	0.05	1	40.62385	52.28044
ox-MWCNT	1mg/L	--	BP@MWCNT	1mg/L	--	-15.8156	1.77395	-12.6084	4.11E-08	0.05	1	-21.6439	-9.98731
ox-MWCNT	1mg/L	--	BP@MWCNT	5mg/L	--	-11.2323	1.77395	-8.95448	1.56E-06	0.05	1	-17.0606	-5.40397
ox-MWCNT	1mg/L	--	BP@MWCNT	25mg/L	--	-13.5934	1.77395	-10.8368	2.49E-08	0.05	1	-19.4217	-7.76509
ox-MWCNT	1mg/L	--	BP@MWCNT	50mg/L	--	-12.7207	1.77395	-10.1411	7.89E-08	0.05	1	-18.549	-6.89244
ox-MWCNT	1mg/L	--	BP@MWCNT	100mg/L	--	-11.7415	1.77395	-9.36047	5.58E-07	0.05	1	-17.5698	-5.91323
ox-MWCNT	5mg/L	--	ox-MWCNT	25mg/L	--	11.10942	1.77395	8.85654	2.01E-06	0.05	1	5.28112	16.93771
ox-MWCNT	5mg/L	--	ox-MWCNT	50mg/L	--	11.29145	1.77395	9.00166	1.38E-06	0.05	1	5.46316	17.11975
ox-MWCNT	5mg/L	--	ox-MWCNT	100mg/L	--	11.77994	1.77395	9.39109	5.18E-07	0.05	1	5.95165	17.60824
ox-MWCNT	5mg/L	--	BP@MWCNT	1mg/L	--	-50.4878	1.77395	-40.2494	0	0.05	1	-56.3161	-44.6595
ox-MWCNT	5mg/L	--	BP@MWCNT	5mg/L	--	-45.9045	1.77395	-36.5955	0	0.05	1	-51.7328	-40.0762
ox-MWCNT	5mg/L	--	BP@MWCNT	25mg/L	--	-48.2656	1.77395	-38.4778	0	0.05	1	-54.0939	-42.4373
ox-MWCNT	5mg/L	--	BP@MWCNT	50mg/L	--	-47.3929	1.77395	-37.7821	0	0.05	1	-53.2212	-41.5646
ox-MWCNT	5mg/L	--	BP@MWCNT	100mg/L	--	-46.4137	1.77395	-37.0015	0	0.05	1	-52.242	-40.5854
ox-MWCNT	25mg/L	--	ox-MWCNT	50mg/L	--	0.18204	1.77395	0.14512	1	0.05	0	-5.64626	6.01033
ox-MWCNT	25mg/L	--	ox-MWCNT	100mg/L	--	0.67053	1.77395	0.53455	1	0.05	0	-5.15777	6.49882
ox-MWCNT	25mg/L	--	BP@MWCNT	1mg/L	--	-61.5972	1.77395	-49.1059	0	0.05	1	-67.4255	-55.7689
ox-MWCNT	25mg/L	--	BP@MWCNT	5mg/L	--	-57.0139	1.77395	-45.4521	0	0.05	1	-62.8422	-51.1856
ox-MWCNT	25mg/L	--	BP@MWCNT	25mg/L	--	-59.375	1.77395	-47.3344	0	0.05	1	-65.2033	-53.5467
ox-MWCNT	25mg/L	--	BP@MWCNT	50mg/L	--	-58.5024	1.77395	-46.6387	0	0.05	1	-64.3307	-52.6741
ox-MWCNT	25mg/L	--	BP@MWCNT	100mg/L	--	-57.5232	1.77395	-45.858	0	0.05	1	-63.3514	-51.6949

ox-MWCNT	50mg/L	--	ox-MWCNT	100mg/L	--	0.48849	1.77395	0.38943	1	0.05	0	-5.33981	6.31678
ox-MWCNT	50mg/L	--	BP@MWCNT	1mg/L	--	-61.7793	1.77395	-49.2511	1	0.05	0	-67.6076	-55.951
ox-MWCNT	50mg/L	--	BP@MWCNT	5mg/L	--	-57.1959	1.77395	-45.5972	0	0.05	1	-63.0242	-51.3676
ox-MWCNT	50mg/L	--	BP@MWCNT	25mg/L	--	-59.557	1.77395	-47.4795	0	0.05	1	-65.3853	-53.7287
ox-MWCNT	50mg/L	--	BP@MWCNT	50mg/L	--	-58.6844	1.77395	-46.7838	0	0.05	1	-64.5127	-52.8561
ox-MWCNT	50mg/L	--	BP@MWCNT	100mg/L	--	-57.7052	1.77395	-46.0032	0	0.05	1	-63.5335	-51.8769
ox-MWCNT	100mg/L	--	BP@MWCNT	1mg/L	--	-62.2678	1.77395	-49.6405	0	0.05	1	-68.096	-56.4395
ox-MWCNT	100mg/L	--	BP@MWCNT	5mg/L	--	-57.6844	1.77395	-45.9866	0	0.05	1	-63.5127	-51.8561
ox-MWCNT	100mg/L	--	BP@MWCNT	25mg/L	--	-60.0455	1.77395	-47.8689	0	0.05	1	-65.8738	-54.2172
ox-MWCNT	100mg/L	--	BP@MWCNT	50mg/L	--	-59.1729	1.77395	-47.1732	0	0.05	1	-65.0012	-53.3446
ox-MWCNT	100mg/L	--	BP@MWCNT	100mg/L	--	-58.1937	1.77395	-46.3926	0	0.05	1	-64.022	-52.3654
BP@MWCNT	1mg/L	--	BP@MWCNT	5mg/L	--	4.58333	1.77395	3.65388	0.24804	0.05	0	-1.24496	10.41163
BP@MWCNT	1mg/L	--	BP@MWCNT	25mg/L	--	2.22222	1.77395	1.77158	0.96005	0.05	0	-3.60607	8.05052
BP@MWCNT	1mg/L	--	BP@MWCNT	50mg/L	--	3.09487	1.77395	2.46726	0.76566	0.05	0	-2.73343	8.92316
BP@MWCNT	1mg/L	--	BP@MWCNT	100mg/L	--	4.07407	1.77395	3.24789	0.4063	0.05	0	-1.75422	9.90237
BP@MWCNT	5mg/L	--	BP@MWCNT	25mg/L	--	-2.36111	1.77395	-1.8823	0.94222	0.05	0	-8.18941	3.46718
BP@MWCNT	5mg/L	--	BP@MWCNT	50mg/L	--	-1.48847	1.77395	-1.18662	0.99759	0.05	0	-7.31676	4.33983
BP@MWCNT	5mg/L	--	BP@MWCNT	100mg/L	--	-0.50926	1.77395	-0.40599	1	0.05	0	-6.33755	5.31904
BP@MWCNT	25mg/L	--	BP@MWCNT	50mg/L	--	0.87265	1.77395	0.69568	0.99997	0.05	0	-4.95565	6.70094
BP@MWCNT	25mg/L	--	BP@MWCNT	100mg/L	--	1.85185	1.77395	1.47632	0.98806	0.05	0	-3.97644	7.68015
BP@MWCNT	50mg/L	--	BP@MWCNT	100mg/L	--	0.97921	1.77395	0.78063	0.99992	0.05	0	-4.84909	6.8075
ox-MWCNT	--	0h	ox-MWCNT	--	24h	74.51035	1.3741	76.68561	0	0.05	1	70.46527	78.55543
ox-MWCNT	--	0h	ox-MWCNT	--	48h	86.65823	1.3741	89.18813	0	0.05	1	82.61315	90.70331
ox-MWCNT	--	0h	BP@MWCNT	--	0h	-5.12E-13	1.3741	-5.27E-13	1	0.05	0	-4.04508	4.04508
ox-MWCNT	--	0h	BP@MWCNT	--	24h	5.60907	1.3741	5.77282	0.00179	0.05	1	1.56399	9.65415
ox-MWCNT	--	0h	BP@MWCNT	--	48h	12.77563	1.3741	13.1486	1.76E-08	0.05	1	8.73054	16.82071
ox-MWCNT	--	24h	ox-MWCNT	--	48h	12.14788	1.3741	12.50253	2.05E-08	0.05	1	8.1028	16.19296

ox-MWCNT	--	24h	BP@MWCNT	--	0h	-74.5104	1.3741	-76.6856	0	0.05	1	-78.5554	-70.4653
ox-MWCNT	--	24h	BP@MWCNT	--	24h	-68.9013	1.3741	-70.9128	1.56E-08	0.05	1	-72.9464	-64.8562
ox-MWCNT	--	24h	BP@MWCNT	--	48h	-61.7347	1.3741	-63.537	1.63E-07	0.05	1	-65.7798	-57.6896
ox-MWCNT	--	48h	BP@MWCNT	--	0h	-86.6582	1.3741	-89.1881	0	0.05	1	-90.7033	-82.6132
ox-MWCNT	--	48h	BP@MWCNT	--	24h	-81.0492	1.3741	-83.4153	0	0.05	1	-85.0942	-77.0041
ox-MWCNT	--	48h	BP@MWCNT	--	48h	-73.8826	1.3741	-76.0395	0	0.05	1	-77.9277	-69.8375
BP@MWCNT	--	0h	BP@MWCNT	--	24h	5.60907	1.3741	5.77282	0.00179	0.05	1	1.56399	9.65415
BP@MWCNT	--	0h	BP@MWCNT	--	48h	12.77563	1.3741	13.1486	1.76E-08	0.05	1	8.73054	16.82071
BP@MWCNT	--	24h	BP@MWCNT	--	48h	7.16656	1.3741	7.37578	3.44E-05	0.05	1	3.12147	11.21164
--	1mg/L	0h	--	1mg/L	24h	8.04965	2.17264	5.23967	0.03139	0.05	1	0.36653	15.73276
--	1mg/L	0h	--	1mg/L	48h	25.67376	2.17264	16.71155	1.18E-07	0.05	1	17.99064	33.35688
--	1mg/L	0h	--	5mg/L	0h	-7.11E-14	2.17264	-4.63E-14	1	0.05	0	-7.68312	7.68312
--	1mg/L	0h	--	5mg/L	24h	38.76524	2.17264	25.23305	0	0.05	1	31.08213	46.44836
--	1mg/L	0h	--	5mg/L	48h	53.84146	2.17264	35.04646	0	0.05	1	46.15835	61.52458
--	1mg/L	0h	--	25mg/L	0h	-1.42E-14	2.17264	-9.25E-15	1	0.05	0	-7.68312	7.68312
--	1mg/L	0h	--	25mg/L	24h	49.91319	2.17264	32.48947	0	0.05	1	42.23008	57.59631
--	1mg/L	0h	--	25mg/L	48h	55.81597	2.17264	36.3317	0	0.05	1	48.13285	63.49909
--	1mg/L	0h	--	50mg/L	0h	-1.99E-13	2.17264	-1.30E-13	1	0.05	0	-7.68312	7.68312
--	1mg/L	0h	--	50mg/L	24h	50.93579	2.17264	33.1551	0	0.05	1	43.25267	58.61891
--	1mg/L	0h	--	50mg/L	48h	56.3754	2.17264	36.69584	0	0.05	1	48.69228	64.05852
--	1mg/L	0h	--	100mg/L	0h	-1.42E-14	2.17264	-9.25E-15	1	0.05	0	-7.68312	7.68312
--	1mg/L	0h	--	100mg/L	24h	52.63468	2.17264	34.26094	0	0.05	1	44.95156	60.3178
--	1mg/L	0h	--	100mg/L	48h	56.87805	2.17264	37.02303	0	0.05	1	49.19493	64.56117
--	1mg/L	24h	--	1mg/L	48h	17.62411	2.17264	11.47188	4.97E-08	0.05	1	9.941	25.30723
--	1mg/L	24h	--	5mg/L	0h	-8.04965	2.17264	-5.23967	0.03139	0.05	1	-15.7328	-0.36653
--	1mg/L	24h	--	5mg/L	24h	30.7156	2.17264	19.99338	3.23E-08	0.05	1	23.03248	38.39872
--	1mg/L	24h	--	5mg/L	48h	45.79182	2.17264	29.80679	0	0.05	1	38.1087	53.47494

--	1mg/L	24h	--	25mg/L	0h	-8.04965	2.17264	-5.23967	0.03139	0.05	1	-15.7328	-0.36653
--	1mg/L	24h	--	25mg/L	24h	41.86355	2.17264	27.2498	0	0.05	1	34.18043	49.54667
--	1mg/L	24h	--	25mg/L	48h	47.76633	2.17264	31.09203	0	0.05	1	40.08321	55.44944
--	1mg/L	24h	--	50mg/L	0h	-8.04965	2.17264	-5.23967	0.03139	0.05	1	-15.7328	-0.36653
--	1mg/L	24h	--	50mg/L	24h	42.88614	2.17264	27.91543	0	0.05	1	35.20303	50.56926
--	1mg/L	24h	--	50mg/L	48h	48.32575	2.17264	31.45617	0	0.05	1	40.64264	56.00887
--	1mg/L	24h	--	100mg/L	0h	-8.04965	2.17264	-5.23967	0.03139	0.05	1	-15.7328	-0.36653
--	1mg/L	24h	--	100mg/L	24h	44.58504	2.17264	29.02127	0	0.05	1	36.90192	52.26815
--	1mg/L	24h	--	100mg/L	48h	48.82841	2.17264	31.78336	0	0.05	1	41.14529	56.51152
--	1mg/L	48h	--	5mg/L	0h	-25.6738	2.17264	-16.7116	1.18E-07	0.05	1	-33.3569	-17.9906
--	1mg/L	48h	--	5mg/L	24h	13.09149	2.17264	8.5215	1.09E-05	0.05	1	5.40837	20.7746
--	1mg/L	48h	--	5mg/L	48h	28.1677	2.17264	18.33491	1.48E-06	0.05	1	20.48459	35.85082
--	1mg/L	48h	--	25mg/L	0h	-25.6738	2.17264	-16.7116	1.18E-07	0.05	1	-33.3569	-17.9906
--	1mg/L	48h	--	25mg/L	24h	24.23944	2.17264	15.77792	0	0.05	1	16.55632	31.92255
--	1mg/L	48h	--	25mg/L	48h	30.14221	2.17264	19.62015	3.17E-08	0.05	1	22.4591	37.82533
--	1mg/L	48h	--	50mg/L	0h	-25.6738	2.17264	-16.7116	1.18E-07	0.05	1	-33.3569	-17.9906
--	1mg/L	48h	--	50mg/L	24h	25.26203	2.17264	16.44355	2.51E-08	0.05	1	17.57891	32.94515
--	1mg/L	48h	--	50mg/L	48h	30.70164	2.17264	19.98429	3.23E-08	0.05	1	23.01852	38.38476
--	1mg/L	48h	--	100mg/L	0h	-25.6738	2.17264	-16.7116	1.18E-07	0.05	1	-33.3569	-17.9906
--	1mg/L	48h	--	100mg/L	24h	26.96092	2.17264	17.54939	1.31E-07	0.05	1	19.2778	34.64404
--	1mg/L	48h	--	100mg/L	48h	31.20429	2.17264	20.31148	3.28E-08	0.05	1	23.52117	38.88741
--	5mg/L	0h	--	5mg/L	24h	38.76524	2.17264	25.23305	0	0.05	1	31.08213	46.44836
--	5mg/L	0h	--	5mg/L	48h	53.84146	2.17264	35.04646	0	0.05	1	46.15835	61.52458
--	5mg/L	0h	--	25mg/L	0h	5.68E-14	2.17264	3.70E-14	1	0.05	0	-7.68312	7.68312
--	5mg/L	0h	--	25mg/L	24h	49.91319	2.17264	32.48947	0	0.05	1	42.23008	57.59631
--	5mg/L	0h	--	25mg/L	48h	55.81597	2.17264	36.3317	0	0.05	1	48.13285	63.49909
--	5mg/L	0h	--	50mg/L	0h	-1.28E-13	2.17264	-8.33E-14	1	0.05	0	-7.68312	7.68312

--	5mg/L	0h	--	50mg/L	24h	50.93579	2.17264	33.1551	0	0.05	1	43.25267	58.61891
--	5mg/L	0h	--	50mg/L	48h	56.3754	2.17264	36.69584	0	0.05	1	48.69228	64.05852
--	5mg/L	0h	--	100mg/L	0h	5.68E-14	2.17264	3.70E-14	1	0.05	0	-7.68312	7.68312
--	5mg/L	0h	--	100mg/L	24h	52.63468	2.17264	34.26094	0	0.05	1	44.95156	60.3178
--	5mg/L	0h	--	100mg/L	48h	56.87805	2.17264	37.02303	0	0.05	1	49.19493	64.56117
--	5mg/L	24h	--	5mg/L	48h	15.07622	2.17264	9.8134	3.80E-07	0.05	1	7.3931	22.75934
--	5mg/L	24h	--	25mg/L	0h	-38.7652	2.17264	-25.2331	0	0.05	1	-46.4484	-31.0821
--	5mg/L	24h	--	25mg/L	24h	11.14795	2.17264	7.25642	3.00E-04	0.05	1	3.46483	18.83107
--	5mg/L	24h	--	25mg/L	48h	17.05073	2.17264	11.09865	5.80E-08	0.05	1	9.36761	24.73385
--	5mg/L	24h	--	50mg/L	0h	-38.7652	2.17264	-25.2331	0	0.05	1	-46.4484	-31.0821
--	5mg/L	24h	--	50mg/L	24h	12.17055	2.17264	7.92204	5.37E-05	0.05	1	4.48743	19.85366
--	5mg/L	24h	--	50mg/L	48h	17.61016	2.17264	11.46279	4.99E-08	0.05	1	9.92704	25.29327
--	5mg/L	24h	--	100mg/L	0h	-38.7652	2.17264	-25.2331	0	0.05	1	-46.4484	-31.0821
--	5mg/L	24h	--	100mg/L	24h	13.86944	2.17264	9.02789	2.80E-06	0.05	1	6.18632	21.55256
--	5mg/L	24h	--	100mg/L	48h	18.11281	2.17264	11.78998	4.48E-08	0.05	1	10.42969	25.79592
--	5mg/L	48h	--	25mg/L	0h	-53.8415	2.17264	-35.0465	0	0.05	1	-61.5246	-46.1584
--	5mg/L	48h	--	25mg/L	24h	-3.92827	2.17264	-2.55699	0.88547	0.05	0	-11.6114	3.75485
--	5mg/L	48h	--	25mg/L	48h	1.97451	2.17264	1.28525	0.99982	0.05	0	-5.70861	9.65763
--	5mg/L	48h	--	50mg/L	0h	-53.8415	2.17264	-35.0465	0	0.05	1	-61.5246	-46.1584
--	5mg/L	48h	--	50mg/L	24h	-2.90567	2.17264	-1.89136	0.98958	0.05	0	-10.5888	4.77744
--	5mg/L	48h	--	50mg/L	48h	2.53394	2.17264	1.64939	0.99726	0.05	0	-5.14918	10.21705
--	5mg/L	48h	--	100mg/L	0h	-53.8415	2.17264	-35.0465	0	0.05	1	-61.5246	-46.1584
--	5mg/L	48h	--	100mg/L	24h	-1.20678	2.17264	-0.78552	1	0.05	0	-8.8899	6.47634
--	5mg/L	48h	--	100mg/L	48h	3.03659	2.17264	1.97657	0.98446	0.05	0	-4.64653	10.71971
--	25mg/L	0h	--	25mg/L	24h	49.91319	2.17264	32.48947	0	0.05	1	42.23008	57.59631
--	25mg/L	0h	--	25mg/L	48h	55.81597	2.17264	36.3317	0	0.05	1	48.13285	63.49909
--	25mg/L	0h	--	50mg/L	0h	-1.85E-13	2.17264	-1.20E-13	1	0.05	0	-7.68312	7.68312

--	25mg/L	0h	--	50mg/L	24h	50.93579	2.17264	33.1551	0	0.05	1	43.25267	58.61891
--	25mg/L	0h	--	50mg/L	48h	56.3754	2.17264	36.69584	0	0.05	1	48.69228	64.05852
--	25mg/L	0h	--	100mg/L	0h	0	2.17264	0	1	0.05	0	-7.68312	7.68312
--	25mg/L	0h	--	100mg/L	24h	52.63468	2.17264	34.26094	0	0.05	1	44.95156	60.3178
--	25mg/L	0h	--	100mg/L	48h	56.87805	2.17264	37.02303	0	0.05	1	49.19493	64.56117
--	25mg/L	24h	--	25mg/L	48h	5.90278	2.17264	3.84223	0.3203	0.05	0	-1.78034	13.5859
--	25mg/L	24h	--	50mg/L	0h	-49.9132	2.17264	-32.4895	0	0.05	1	-57.5963	-42.2301
--	25mg/L	24h	--	50mg/L	24h	1.0226	2.17264	0.66563	1	0.05	0	-6.66052	8.70571
--	25mg/L	24h	--	50mg/L	48h	6.4622	2.17264	4.20637	0.194	0.05	0	-1.22091	14.14532
--	25mg/L	24h	--	100mg/L	0h	-49.9132	2.17264	-32.4895	0	0.05	1	-57.5963	-42.2301
--	25mg/L	24h	--	100mg/L	24h	2.72149	2.17264	1.77147	0.99441	0.05	0	-4.96163	10.4046
--	25mg/L	24h	--	100mg/L	48h	6.96486	2.17264	4.53356	0.11552	0.05	0	-0.71826	14.64797
--	25mg/L	48h	--	50mg/L	0h	-55.816	2.17264	-36.3317	0	0.05	1	-63.4991	-48.1329
--	25mg/L	48h	--	50mg/L	24h	-4.88018	2.17264	-3.17661	0.63186	0.05	0	-12.5633	2.80294
--	25mg/L	48h	--	50mg/L	48h	0.55943	2.17264	0.36414	1	0.05	0	-7.12369	8.24254
--	25mg/L	48h	--	100mg/L	0h	-55.816	2.17264	-36.3317	0	0.05	1	-63.4991	-48.1329
--	25mg/L	48h	--	100mg/L	24h	-3.18129	2.17264	-2.07076	0.9767	0.05	0	-10.8644	4.50183
--	25mg/L	48h	--	100mg/L	48h	1.06208	2.17264	0.69133	1	0.05	0	-6.62104	8.7452
--	50mg/L	0h	--	50mg/L	24h	50.93579	2.17264	33.1551	0	0.05	1	43.25267	58.61891
--	50mg/L	0h	--	50mg/L	48h	56.3754	2.17264	36.69584	0	0.05	1	48.69228	64.05852
--	50mg/L	0h	--	100mg/L	0h	1.85E-13	2.17264	1.20E-13	1	0.05	0	-7.68312	7.68312
--	50mg/L	0h	--	100mg/L	24h	52.63468	2.17264	34.26094	0	0.05	1	44.95156	60.3178
--	50mg/L	0h	--	100mg/L	48h	56.87805	2.17264	37.02303	0	0.05	1	49.19493	64.56117
--	50mg/L	24h	--	50mg/L	48h	5.43961	2.17264	3.54075	0.45353	0.05	0	-2.24351	13.12273
--	50mg/L	24h	--	100mg/L	0h	-50.9358	2.17264	-33.1551	0	0.05	1	-58.6189	-43.2527
--	50mg/L	24h	--	100mg/L	24h	1.69889	2.17264	1.10584	0.99997	0.05	0	-5.98423	9.38201
--	50mg/L	24h	--	100mg/L	48h	5.94226	2.17264	3.86793	0.31003	0.05	0	-1.74086	13.62538

--	50mg/L	48h	--	100mg/L	0h	-56.3754	2.17264	-36.6958	0	0.05	1	-64.0585	-48.6923
--	50mg/L	48h	--	100mg/L	24h	-3.74072	2.17264	-2.43491	0.91777	0.05	0	-11.4238	3.9424
--	50mg/L	48h	--	100mg/L	48h	0.50265	2.17264	0.32719	1	0.05	0	-7.18047	8.18577
--	100mg/L	0h	--	100mg/L	24h	52.63468	2.17264	34.26094	0	0.05	1	44.95156	60.3178
--	100mg/L	0h	--	100mg/L	48h	56.87805	2.17264	37.02303	0	0.05	1	49.19493	64.56117
--	100mg/L	24h	--	100mg/L	48h	4.24337	2.17264	2.76209	0.81627	0.05	0	-3.43975	11.92649
ox-MWCNT	1mg/L	0h	ox-MWCNT	1mg/L	24h	12.76596	3.07258	5.87578	0.02672	0.05	1	0.67232	24.85959
ox-MWCNT	1mg/L	0h	ox-MWCNT	1mg/L	48h	44.68085	3.07258	20.56524	1.73E-07	0.05	1	32.58722	56.77449
ox-MWCNT	1mg/L	0h	ox-MWCNT	5mg/L	0h	-2.98E-13	3.07258	-1.37E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	1mg/L	0h	ox-MWCNT	5mg/L	24h	68.78049	3.07258	31.65756	0	0.05	1	56.68685	80.87412
ox-MWCNT	1mg/L	0h	ox-MWCNT	5mg/L	48h	92.68293	3.07258	42.65913	0	0.05	1	80.58929	104.7766
ox-MWCNT	1mg/L	0h	ox-MWCNT	25mg/L	0h	-2.42E-13	3.07258	-1.11E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	1mg/L	0h	ox-MWCNT	25mg/L	24h	96.70139	3.07258	44.50871	0	0.05	1	84.60775	108.795
ox-MWCNT	1mg/L	0h	ox-MWCNT	25mg/L	48h	98.09028	3.07258	45.14797	0	0.05	1	85.99664	110.1839
ox-MWCNT	1mg/L	0h	ox-MWCNT	50mg/L	0h	-3.84E-13	3.07258	-1.77E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	1mg/L	0h	ox-MWCNT	50mg/L	24h	97.05043	3.07258	44.66936	0	0.05	1	84.95679	109.1441
ox-MWCNT	1mg/L	0h	ox-MWCNT	50mg/L	48h	98.28735	3.07258	45.23867	0	0.05	1	86.19371	110.381
ox-MWCNT	1mg/L	0h	ox-MWCNT	100mg/L	0h	-1.42E-13	3.07258	-6.54E-14	1	0.05	0	-12.0936	12.09364
ox-MWCNT	1mg/L	0h	ox-MWCNT	100mg/L	24h	97.25349	3.07258	44.76282	0	0.05	1	85.15985	109.3471
ox-MWCNT	1mg/L	0h	ox-MWCNT	100mg/L	48h	99.54975	3.07258	45.81972	0	0.05	1	87.45612	111.6434
ox-MWCNT	1mg/L	0h	BP@MWCNT	1mg/L	0h	-7.82E-13	3.07258	-3.60E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	1mg/L	0h	BP@MWCNT	1mg/L	24h	3.33333	3.07258	1.53423	1	0.05	0	-8.7603	15.42697
ox-MWCNT	1mg/L	0h	BP@MWCNT	1mg/L	48h	6.66667	3.07258	3.06846	0.92598	0.05	0	-5.42697	18.7603
ox-MWCNT	1mg/L	0h	BP@MWCNT	5mg/L	0h	-6.82E-13	3.07258	-3.14E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	1mg/L	0h	BP@MWCNT	5mg/L	24h	8.75	3.07258	4.02736	0.52007	0.05	0	-3.34364	20.84364
ox-MWCNT	1mg/L	0h	BP@MWCNT	5mg/L	48h	15	3.07258	6.90404	0.00262	0.05	1	2.90636	27.09364
ox-MWCNT	1mg/L	0h	BP@MWCNT	25mg/L	0h	-5.83E-13	3.07258	-2.68E-13	1	0.05	0	-12.0936	12.09364

ox-MWCNT	1mg/L	0h	BP@MWCNT	25mg/L	24h	3.125	3.07258	1.43834	1	0.05	0	-8.96864	15.21864
ox-MWCNT	1mg/L	0h	BP@MWCNT	25mg/L	48h	13.54167	3.07258	6.23282	0.01239	0.05	1	1.44803	25.6353
ox-MWCNT	1mg/L	0h	BP@MWCNT	50mg/L	0h	-8.38E-13	3.07258	-3.86E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	1mg/L	0h	BP@MWCNT	50mg/L	24h	4.82115	3.07258	2.21903	0.99885	0.05	0	-7.27248	16.91479
ox-MWCNT	1mg/L	0h	BP@MWCNT	50mg/L	48h	14.46345	3.07258	6.65709	0.00471	0.05	1	2.36982	26.55709
ox-MWCNT	1mg/L	0h	BP@MWCNT	100mg/L	0h	-7.11E-13	3.07258	-3.27E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	1mg/L	0h	BP@MWCNT	100mg/L	24h	8.01587	3.07258	3.68946	0.69279	0.05	0	-4.07776	20.10951
ox-MWCNT	1mg/L	0h	BP@MWCNT	100mg/L	48h	14.20635	3.07258	6.53875	0.0062	0.05	1	2.11271	26.29998
ox-MWCNT	1mg/L	24h	ox-MWCNT	1mg/L	48h	31.91489	3.07258	14.68945	0	0.05	1	19.82126	44.00853
ox-MWCNT	1mg/L	24h	ox-MWCNT	5mg/L	0h	-12.766	3.07258	-5.87578	0.02672	0.05	1	-24.8596	-0.67232
ox-MWCNT	1mg/L	24h	ox-MWCNT	5mg/L	24h	56.01453	3.07258	25.78178	0	0.05	1	43.9209	68.10817
ox-MWCNT	1mg/L	24h	ox-MWCNT	5mg/L	48h	79.91697	3.07258	36.78335	0	0.05	1	67.82333	92.0106
ox-MWCNT	1mg/L	24h	ox-MWCNT	25mg/L	0h	-12.766	3.07258	-5.87578	0.02672	0.05	1	-24.8596	-0.67232
ox-MWCNT	1mg/L	24h	ox-MWCNT	25mg/L	24h	83.93543	3.07258	38.63292	0	0.05	1	71.8418	96.02907
ox-MWCNT	1mg/L	24h	ox-MWCNT	25mg/L	48h	85.32432	3.07258	39.27219	0	0.05	1	73.23069	97.41796
ox-MWCNT	1mg/L	24h	ox-MWCNT	50mg/L	0h	-12.766	3.07258	-5.87578	0.02672	0.05	1	-24.8596	-0.67232
ox-MWCNT	1mg/L	24h	ox-MWCNT	50mg/L	24h	84.28447	3.07258	38.79358	0	0.05	1	72.19084	96.37811
ox-MWCNT	1mg/L	24h	ox-MWCNT	50mg/L	48h	85.52139	3.07258	39.36289	0	0.05	1	73.42775	97.61502
ox-MWCNT	1mg/L	24h	ox-MWCNT	100mg/L	0h	-12.766	3.07258	-5.87578	0.02672	0.05	1	-24.8596	-0.67232
ox-MWCNT	1mg/L	24h	ox-MWCNT	100mg/L	24h	84.48753	3.07258	38.88704	0	0.05	1	72.3939	96.58117
ox-MWCNT	1mg/L	24h	ox-MWCNT	100mg/L	48h	86.78379	3.07258	39.94394	0	0.05	1	74.69016	98.87743
ox-MWCNT	1mg/L	24h	BP@MWCNT	1mg/L	0h	-12.766	3.07258	-5.87578	0.02672	0.05	1	-24.8596	-0.67232
ox-MWCNT	1mg/L	24h	BP@MWCNT	1mg/L	24h	-9.43262	3.07258	-4.34155	0.36676	0.05	0	-21.5263	2.66101
ox-MWCNT	1mg/L	24h	BP@MWCNT	1mg/L	48h	-6.09929	3.07258	-2.80732	0.97092	0.05	0	-18.1929	5.99434
ox-MWCNT	1mg/L	24h	BP@MWCNT	5mg/L	0h	-12.766	3.07258	-5.87578	0.02672	0.05	1	-24.8596	-0.67232
ox-MWCNT	1mg/L	24h	BP@MWCNT	5mg/L	24h	-4.01596	3.07258	-1.84842	0.99995	0.05	0	-16.1096	8.07768
ox-MWCNT	1mg/L	24h	BP@MWCNT	5mg/L	48h	2.23404	3.07258	1.02826	1	0.05	0	-9.85959	14.32768

ox-MWCNT	1mg/L	24h	BP@MWCNT	25mg/L	0h	-12.766	3.07258	-5.87578	0.02672	0.05	1	-24.8596	-0.67232
ox-MWCNT	1mg/L	24h	BP@MWCNT	25mg/L	24h	-9.64096	3.07258	-4.43744	0.32476	0.05	0	-21.7346	2.45268
ox-MWCNT	1mg/L	24h	BP@MWCNT	25mg/L	48h	0.77571	3.07258	0.35704	1	0.05	0	-11.3179	12.86934
ox-MWCNT	1mg/L	24h	BP@MWCNT	50mg/L	0h	-12.766	3.07258	-5.87578	0.02672	0.05	1	-24.8596	-0.67232
ox-MWCNT	1mg/L	24h	BP@MWCNT	50mg/L	24h	-7.94481	3.07258	-3.65675	0.70874	0.05	0	-20.0384	4.14883
ox-MWCNT	1mg/L	24h	BP@MWCNT	50mg/L	48h	1.6975	3.07258	0.78131	1	0.05	0	-10.3961	13.79113
ox-MWCNT	1mg/L	24h	BP@MWCNT	100mg/L	0h	-12.766	3.07258	-5.87578	0.02672	0.05	1	-24.8596	-0.67232
ox-MWCNT	1mg/L	24h	BP@MWCNT	100mg/L	24h	-4.75008	3.07258	-2.18632	0.99909	0.05	0	-16.8437	7.34355
ox-MWCNT	1mg/L	24h	BP@MWCNT	100mg/L	48h	1.44039	3.07258	0.66297	1	0.05	0	-10.6532	13.53403
ox-MWCNT	1mg/L	48h	ox-MWCNT	5mg/L	0h	-44.6809	3.07258	-20.5652	1.73E-07	0.05	1	-56.7745	-32.5872
ox-MWCNT	1mg/L	48h	ox-MWCNT	5mg/L	24h	24.09964	3.07258	11.09233	4.20E-08	0.05	1	12.006	36.19327
ox-MWCNT	1mg/L	48h	ox-MWCNT	5mg/L	48h	48.00208	3.07258	22.09389	0	0.05	1	35.90844	60.09571
ox-MWCNT	1mg/L	48h	ox-MWCNT	25mg/L	0h	-44.6809	3.07258	-20.5652	1.73E-07	0.05	1	-56.7745	-32.5872
ox-MWCNT	1mg/L	48h	ox-MWCNT	25mg/L	24h	52.02054	3.07258	23.94347	0	0.05	1	39.9269	64.11417
ox-MWCNT	1mg/L	48h	ox-MWCNT	25mg/L	48h	53.40943	3.07258	24.58273	0	0.05	1	41.31579	65.50306
ox-MWCNT	1mg/L	48h	ox-MWCNT	50mg/L	0h	-44.6809	3.07258	-20.5652	1.73E-07	0.05	1	-56.7745	-32.5872
ox-MWCNT	1mg/L	48h	ox-MWCNT	50mg/L	24h	52.36958	3.07258	24.10412	0	0.05	1	40.27594	64.46321
ox-MWCNT	1mg/L	48h	ox-MWCNT	50mg/L	48h	53.60649	3.07258	24.67344	0	0.05	1	41.51286	65.70013
ox-MWCNT	1mg/L	48h	ox-MWCNT	100mg/L	0h	-44.6809	3.07258	-20.5652	1.73E-07	0.05	1	-56.7745	-32.5872
ox-MWCNT	1mg/L	48h	ox-MWCNT	100mg/L	24h	52.57264	3.07258	24.19759	0	0.05	1	40.479	64.66627
ox-MWCNT	1mg/L	48h	ox-MWCNT	100mg/L	48h	54.8689	3.07258	25.25449	0	0.05	1	42.77527	66.96254
ox-MWCNT	1mg/L	48h	BP@MWCNT	1mg/L	0h	-44.6809	3.07258	-20.5652	1.73E-07	0.05	1	-56.7745	-32.5872
ox-MWCNT	1mg/L	48h	BP@MWCNT	1mg/L	24h	-41.3475	3.07258	-19.031	0	0.05	1	-53.4412	-29.2539
ox-MWCNT	1mg/L	48h	BP@MWCNT	1mg/L	48h	-38.0142	3.07258	-17.4968	0	0.05	1	-50.1078	-25.9206
ox-MWCNT	1mg/L	48h	BP@MWCNT	5mg/L	0h	-44.6809	3.07258	-20.5652	1.73E-07	0.05	1	-56.7745	-32.5872
ox-MWCNT	1mg/L	48h	BP@MWCNT	5mg/L	24h	-35.9309	3.07258	-16.5379	0	0.05	1	-48.0245	-23.8372
ox-MWCNT	1mg/L	48h	BP@MWCNT	5mg/L	48h	-29.6809	3.07258	-13.6612	0	0.05	1	-41.7745	-17.5872

ox-MWCNT	1mg/L	48h	BP@MWCNT	25mg/L	0h	-44.6809	3.07258	-20.5652	1.73E-07	0.05	1	-56.7745	-32.5872
ox-MWCNT	1mg/L	48h	BP@MWCNT	25mg/L	24h	-41.5559	3.07258	-19.1269	5.23E-07	0.05	1	-53.6495	-29.4622
ox-MWCNT	1mg/L	48h	BP@MWCNT	25mg/L	48h	-31.1392	3.07258	-14.3324	0	0.05	1	-43.2328	-19.0456
ox-MWCNT	1mg/L	48h	BP@MWCNT	50mg/L	0h	-44.6809	3.07258	-20.5652	1.73E-07	0.05	1	-56.7745	-32.5872
ox-MWCNT	1mg/L	48h	BP@MWCNT	50mg/L	24h	-39.8597	3.07258	-18.3462	0	0.05	1	-51.9533	-27.7661
ox-MWCNT	1mg/L	48h	BP@MWCNT	50mg/L	48h	-30.2174	3.07258	-13.9082	0	0.05	1	-42.311	-18.1238
ox-MWCNT	1mg/L	48h	BP@MWCNT	100mg/L	0h	-44.6809	3.07258	-20.5652	1.73E-07	0.05	1	-56.7745	-32.5872
ox-MWCNT	1mg/L	48h	BP@MWCNT	100mg/L	24h	-36.665	3.07258	-16.8758	0	0.05	1	-48.7586	-24.5713
ox-MWCNT	1mg/L	48h	BP@MWCNT	100mg/L	48h	-30.4745	3.07258	-14.0265	0	0.05	1	-42.5681	-18.3809
ox-MWCNT	5mg/L	0h	ox-MWCNT	5mg/L	24h	68.78049	3.07258	31.65756	0	0.05	1	56.68685	80.87412
ox-MWCNT	5mg/L	0h	ox-MWCNT	5mg/L	48h	92.68293	3.07258	42.65913	0	0.05	1	80.58929	104.7766
ox-MWCNT	5mg/L	0h	ox-MWCNT	25mg/L	0h	5.68E-14	3.07258	2.62E-14	1	0.05	0	-12.0936	12.09364
ox-MWCNT	5mg/L	0h	ox-MWCNT	25mg/L	24h	96.70139	3.07258	44.50871	0	0.05	1	84.60775	108.795
ox-MWCNT	5mg/L	0h	ox-MWCNT	25mg/L	48h	98.09028	3.07258	45.14797	0	0.05	1	85.99664	110.1839
ox-MWCNT	5mg/L	0h	ox-MWCNT	50mg/L	0h	-8.53E-14	3.07258	-3.92E-14	1	0.05	0	-12.0936	12.09364
ox-MWCNT	5mg/L	0h	ox-MWCNT	50mg/L	24h	97.05043	3.07258	44.66936	0	0.05	1	84.95679	109.1441
ox-MWCNT	5mg/L	0h	ox-MWCNT	50mg/L	48h	98.28735	3.07258	45.23867	0	0.05	1	86.19371	110.381
ox-MWCNT	5mg/L	0h	ox-MWCNT	100mg/L	0h	1.56E-13	3.07258	7.19E-14	1	0.05	0	-12.0936	12.09364
ox-MWCNT	5mg/L	0h	ox-MWCNT	100mg/L	24h	97.25349	3.07258	44.76282	0	0.05	1	85.15985	109.3471
ox-MWCNT	5mg/L	0h	ox-MWCNT	100mg/L	48h	99.54975	3.07258	45.81972	0	0.05	1	87.45612	111.6434
ox-MWCNT	5mg/L	0h	BP@MWCNT	1mg/L	0h	-4.83E-13	3.07258	-2.22E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	5mg/L	0h	BP@MWCNT	1mg/L	24h	3.33333	3.07258	1.53423	1	0.05	0	-8.7603	15.42697
ox-MWCNT	5mg/L	0h	BP@MWCNT	1mg/L	48h	6.66667	3.07258	3.06846	0.92598	0.05	0	-5.42697	18.7603
ox-MWCNT	5mg/L	0h	BP@MWCNT	5mg/L	0h	-3.84E-13	3.07258	-1.77E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	5mg/L	0h	BP@MWCNT	5mg/L	24h	8.75	3.07258	4.02736	0.52007	0.05	0	-3.34364	20.84364
ox-MWCNT	5mg/L	0h	BP@MWCNT	5mg/L	48h	15	3.07258	6.90404	0.00262	0.05	1	2.90636	27.09364
ox-MWCNT	5mg/L	0h	BP@MWCNT	25mg/L	0h	-2.84E-13	3.07258	-1.31E-13	1	0.05	0	-12.0936	12.09364

ox-MWCNT	5mg/L	0h	BP@MWCNT	25mg/L	24h	3.125	3.07258	1.43834	1	0.05	0	-8.96864	15.21864
ox-MWCNT	5mg/L	0h	BP@MWCNT	25mg/L	48h	13.54167	3.07258	6.23282	0.01239	0.05	1	1.44803	25.6353
ox-MWCNT	5mg/L	0h	BP@MWCNT	50mg/L	0h	-5.40E-13	3.07258	-2.49E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	5mg/L	0h	BP@MWCNT	50mg/L	24h	4.82115	3.07258	2.21903	0.99885	0.05	0	-7.27248	16.91479
ox-MWCNT	5mg/L	0h	BP@MWCNT	50mg/L	48h	14.46345	3.07258	6.65709	0.00471	0.05	1	2.36982	26.55709
ox-MWCNT	5mg/L	0h	BP@MWCNT	100mg/L	0h	-4.12E-13	3.07258	-1.90E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	5mg/L	0h	BP@MWCNT	100mg/L	24h	8.01587	3.07258	3.68946	0.69279	0.05	0	-4.07776	20.10951
ox-MWCNT	5mg/L	0h	BP@MWCNT	100mg/L	48h	14.20635	3.07258	6.53875	0.0062	0.05	1	2.11271	26.29998
ox-MWCNT	5mg/L	24h	ox-MWCNT	5mg/L	48h	23.90244	3.07258	11.00157	2.72E-08	0.05	1	11.8088	35.99607
ox-MWCNT	5mg/L	24h	ox-MWCNT	25mg/L	0h	-68.7805	3.07258	-31.6576	0	0.05	1	-80.8741	-56.6869
ox-MWCNT	5mg/L	24h	ox-MWCNT	25mg/L	24h	27.9209	3.07258	12.85114	0	0.05	1	15.82727	40.01454
ox-MWCNT	5mg/L	24h	ox-MWCNT	25mg/L	48h	29.30979	3.07258	13.4904	0	0.05	1	17.21615	41.40343
ox-MWCNT	5mg/L	24h	ox-MWCNT	50mg/L	0h	-68.7805	3.07258	-31.6576	0	0.05	1	-80.8741	-56.6869
ox-MWCNT	5mg/L	24h	ox-MWCNT	50mg/L	24h	28.26994	3.07258	13.01179	0	0.05	1	16.17631	40.36358
ox-MWCNT	5mg/L	24h	ox-MWCNT	50mg/L	48h	29.50686	3.07258	13.58111	0	0.05	1	17.41322	41.60049
ox-MWCNT	5mg/L	24h	ox-MWCNT	100mg/L	0h	-68.7805	3.07258	-31.6576	0	0.05	1	-80.8741	-56.6869
ox-MWCNT	5mg/L	24h	ox-MWCNT	100mg/L	24h	28.473	3.07258	13.10526	0	0.05	1	16.37937	40.56664
ox-MWCNT	5mg/L	24h	ox-MWCNT	100mg/L	48h	30.76926	3.07258	14.16216	0	0.05	1	18.67563	42.8629
ox-MWCNT	5mg/L	24h	BP@MWCNT	1mg/L	0h	-68.7805	3.07258	-31.6576	0	0.05	1	-80.8741	-56.6869
ox-MWCNT	5mg/L	24h	BP@MWCNT	1mg/L	24h	-65.4472	3.07258	-30.1233	0	0.05	1	-77.5408	-53.3535
ox-MWCNT	5mg/L	24h	BP@MWCNT	1mg/L	48h	-62.1138	3.07258	-28.5891	0	0.05	1	-74.2075	-50.0202
ox-MWCNT	5mg/L	24h	BP@MWCNT	5mg/L	0h	-68.7805	3.07258	-31.6576	0	0.05	1	-80.8741	-56.6869
ox-MWCNT	5mg/L	24h	BP@MWCNT	5mg/L	24h	-60.0305	3.07258	-27.6302	0	0.05	1	-72.1241	-47.9369
ox-MWCNT	5mg/L	24h	BP@MWCNT	5mg/L	48h	-53.7805	3.07258	-24.7535	0	0.05	1	-65.8741	-41.6869
ox-MWCNT	5mg/L	24h	BP@MWCNT	25mg/L	0h	-68.7805	3.07258	-31.6576	0	0.05	1	-80.8741	-56.6869
ox-MWCNT	5mg/L	24h	BP@MWCNT	25mg/L	24h	-65.6555	3.07258	-30.2192	0	0.05	1	-77.7491	-53.5619
ox-MWCNT	5mg/L	24h	BP@MWCNT	25mg/L	48h	-55.2388	3.07258	-25.4248	0	0.05	1	-67.3325	-43.1452

ox-MWCNT	5mg/L	24h	BP@MWCNT	50mg/L	0h	-68.7805	3.07258	-31.6576	0	0.05	1	-80.8741	-56.6869
ox-MWCNT	5mg/L	24h	BP@MWCNT	50mg/L	24h	-63.9593	3.07258	-29.4385	0	0.05	1	-76.053	-51.8657
ox-MWCNT	5mg/L	24h	BP@MWCNT	50mg/L	48h	-54.317	3.07258	-25.0005	0	0.05	1	-66.4107	-42.2234
ox-MWCNT	5mg/L	24h	BP@MWCNT	100mg/L	0h	-68.7805	3.07258	-31.6576	0	0.05	1	-80.8741	-56.6869
ox-MWCNT	5mg/L	24h	BP@MWCNT	100mg/L	24h	-60.7646	3.07258	-27.9681	0	0.05	1	-72.8583	-48.671
ox-MWCNT	5mg/L	24h	BP@MWCNT	100mg/L	48h	-54.5741	3.07258	-25.1188	0	0.05	1	-66.6678	-42.4805
ox-MWCNT	5mg/L	48h	ox-MWCNT	25mg/L	0h	-92.6829	3.07258	-42.6591	0	0.05	1	-104.777	-80.5893
ox-MWCNT	5mg/L	48h	ox-MWCNT	25mg/L	24h	4.01846	3.07258	1.84958	0.99995	0.05	0	-8.07517	16.1121
ox-MWCNT	5mg/L	48h	ox-MWCNT	25mg/L	48h	5.40735	3.07258	2.48884	0.99364	0.05	0	-6.68628	17.50099
ox-MWCNT	5mg/L	48h	ox-MWCNT	50mg/L	0h	-92.6829	3.07258	-42.6591	0	0.05	1	-104.777	-80.5893
ox-MWCNT	5mg/L	48h	ox-MWCNT	50mg/L	24h	4.3675	3.07258	2.01023	0.99978	0.05	0	-7.72613	16.46114
ox-MWCNT	5mg/L	48h	ox-MWCNT	50mg/L	48h	5.60442	3.07258	2.57954	0.9897	0.05	0	-6.48922	17.69805
ox-MWCNT	5mg/L	48h	ox-MWCNT	100mg/L	0h	-92.6829	3.07258	-42.6591	0	0.05	1	-104.777	-80.5893
ox-MWCNT	5mg/L	48h	ox-MWCNT	100mg/L	24h	4.57056	3.07258	2.10369	0.99952	0.05	0	-7.52307	16.6642
ox-MWCNT	5mg/L	48h	ox-MWCNT	100mg/L	48h	6.86683	3.07258	3.16059	0.90258	0.05	0	-5.22681	18.96046
ox-MWCNT	5mg/L	48h	BP@MWCNT	1mg/L	0h	-92.6829	3.07258	-42.6591	0	0.05	1	-104.777	-80.5893
ox-MWCNT	5mg/L	48h	BP@MWCNT	1mg/L	24h	-89.3496	3.07258	-41.1249	0	0.05	1	-101.443	-77.256
ox-MWCNT	5mg/L	48h	BP@MWCNT	1mg/L	48h	-86.0163	3.07258	-39.5907	0	0.05	1	-98.1099	-73.9226
ox-MWCNT	5mg/L	48h	BP@MWCNT	5mg/L	0h	-92.6829	3.07258	-42.6591	0	0.05	1	-104.777	-80.5893
ox-MWCNT	5mg/L	48h	BP@MWCNT	5mg/L	24h	-83.9329	3.07258	-38.6318	0	0.05	1	-96.0266	-71.8393
ox-MWCNT	5mg/L	48h	BP@MWCNT	5mg/L	48h	-77.6829	3.07258	-35.7551	0	0.05	1	-89.7766	-65.5893
ox-MWCNT	5mg/L	48h	BP@MWCNT	25mg/L	0h	-92.6829	3.07258	-42.6591	0	0.05	1	-104.777	-80.5893
ox-MWCNT	5mg/L	48h	BP@MWCNT	25mg/L	24h	-89.5579	3.07258	-41.2208	0	0.05	1	-101.652	-77.4643
ox-MWCNT	5mg/L	48h	BP@MWCNT	25mg/L	48h	-79.1413	3.07258	-36.4263	0	0.05	1	-91.2349	-67.0476
ox-MWCNT	5mg/L	48h	BP@MWCNT	50mg/L	0h	-92.6829	3.07258	-42.6591	0	0.05	1	-104.777	-80.5893
ox-MWCNT	5mg/L	48h	BP@MWCNT	50mg/L	24h	-87.8618	3.07258	-40.4401	0	0.05	1	-99.9554	-75.7681
ox-MWCNT	5mg/L	48h	BP@MWCNT	50mg/L	48h	-78.2195	3.07258	-36.002	0	0.05	1	-90.3131	-66.1258

ox-MWCNT	5mg/L	48h	BP@MWCNT	100mg/L	0h	-92.6829	3.07258	-42.6591	0	0.05	1	-104.777	-80.5893
ox-MWCNT	5mg/L	48h	BP@MWCNT	100mg/L	24h	-84.6671	3.07258	-38.9697	0	0.05	1	-96.7607	-72.5734
ox-MWCNT	5mg/L	48h	BP@MWCNT	100mg/L	48h	-78.4766	3.07258	-36.1204	0	0.05	1	-90.5702	-66.3829
ox-MWCNT	25mg/L	0h	ox-MWCNT	25mg/L	24h	96.70139	3.07258	44.50871	0	0.05	1	84.60775	108.795
ox-MWCNT	25mg/L	0h	ox-MWCNT	25mg/L	48h	98.09028	3.07258	45.14797	0	0.05	1	85.99664	110.1839
ox-MWCNT	25mg/L	0h	ox-MWCNT	50mg/L	0h	-1.42E-13	3.07258	-6.54E-14	1	0.05	0	-12.0936	12.09364
ox-MWCNT	25mg/L	0h	ox-MWCNT	50mg/L	24h	97.05043	3.07258	44.66936	0	0.05	1	84.95679	109.1441
ox-MWCNT	25mg/L	0h	ox-MWCNT	50mg/L	48h	98.28735	3.07258	45.23867	0	0.05	1	86.19371	110.381
ox-MWCNT	25mg/L	0h	ox-MWCNT	100mg/L	0h	9.95E-14	3.07258	4.58E-14	1	0.05	0	-12.0936	12.09364
ox-MWCNT	25mg/L	0h	ox-MWCNT	100mg/L	24h	97.25349	3.07258	44.76282	0	0.05	1	85.15985	109.3471
ox-MWCNT	25mg/L	0h	ox-MWCNT	100mg/L	48h	99.54975	3.07258	45.81972	0	0.05	1	87.45612	111.6434
ox-MWCNT	25mg/L	0h	BP@MWCNT	1mg/L	0h	-5.40E-13	3.07258	-2.49E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	25mg/L	0h	BP@MWCNT	1mg/L	24h	3.33333	3.07258	1.53423	1	0.05	0	-8.7603	15.42697
ox-MWCNT	25mg/L	0h	BP@MWCNT	1mg/L	48h	6.66667	3.07258	3.06846	0.92598	0.05	0	-5.42697	18.7603
ox-MWCNT	25mg/L	0h	BP@MWCNT	5mg/L	0h	-4.41E-13	3.07258	-2.03E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	25mg/L	0h	BP@MWCNT	5mg/L	24h	8.75	3.07258	4.02736	0.52007	0.05	0	-3.34364	20.84364
ox-MWCNT	25mg/L	0h	BP@MWCNT	5mg/L	48h	15	3.07258	6.90404	0.00262	0.05	1	2.90636	27.09364
ox-MWCNT	25mg/L	0h	BP@MWCNT	25mg/L	0h	-3.41E-13	3.07258	-1.57E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	25mg/L	0h	BP@MWCNT	25mg/L	24h	3.125	3.07258	1.43834	1	0.05	0	-8.96864	15.21864
ox-MWCNT	25mg/L	0h	BP@MWCNT	25mg/L	48h	13.54167	3.07258	6.23282	0.01239	0.05	1	1.44803	25.6353
ox-MWCNT	25mg/L	0h	BP@MWCNT	50mg/L	0h	-5.97E-13	3.07258	-2.75E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	25mg/L	0h	BP@MWCNT	50mg/L	24h	4.82115	3.07258	2.21903	0.99885	0.05	0	-7.27248	16.91479
ox-MWCNT	25mg/L	0h	BP@MWCNT	50mg/L	48h	14.46345	3.07258	6.65709	0.00471	0.05	1	2.36982	26.55709
ox-MWCNT	25mg/L	0h	BP@MWCNT	100mg/L	0h	-4.69E-13	3.07258	-2.16E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	25mg/L	0h	BP@MWCNT	100mg/L	24h	8.01587	3.07258	3.68946	0.69279	0.05	0	-4.07776	20.10951
ox-MWCNT	25mg/L	0h	BP@MWCNT	100mg/L	48h	14.20635	3.07258	6.53875	0.0062	0.05	1	2.11271	26.29998
ox-MWCNT	25mg/L	24h	ox-MWCNT	25mg/L	48h	1.38889	3.07258	0.63926	1	0.05	0	-10.7048	13.48252

ox-MWCNT	25mg/L	24h	ox-MWCNT	50mg/L	0h	-96.7014	3.07258	-44.5087	0	0.05	1	-108.795	-84.6078
ox-MWCNT	25mg/L	24h	ox-MWCNT	50mg/L	24h	0.34904	3.07258	0.16065	1	0.05	0	-11.7446	12.44267
ox-MWCNT	25mg/L	24h	ox-MWCNT	50mg/L	48h	1.58596	3.07258	0.72997	1	0.05	0	-10.5077	13.67959
ox-MWCNT	25mg/L	24h	ox-MWCNT	100mg/L	0h	-96.7014	3.07258	-44.5087	0	0.05	1	-108.795	-84.6078
ox-MWCNT	25mg/L	24h	ox-MWCNT	100mg/L	24h	0.5521	3.07258	0.25412	1	0.05	0	-11.5415	12.64574
ox-MWCNT	25mg/L	24h	ox-MWCNT	100mg/L	48h	2.84836	3.07258	1.31102	1	0.05	0	-9.24527	14.942
ox-MWCNT	25mg/L	24h	BP@MWCNT	1mg/L	0h	-96.7014	3.07258	-44.5087	0	0.05	1	-108.795	-84.6078
ox-MWCNT	25mg/L	24h	BP@MWCNT	1mg/L	24h	-93.3681	3.07258	-42.9745	0	0.05	1	-105.462	-81.2744
ox-MWCNT	25mg/L	24h	BP@MWCNT	1mg/L	48h	-90.0347	3.07258	-41.4402	0	0.05	1	-102.128	-77.9411
ox-MWCNT	25mg/L	24h	BP@MWCNT	5mg/L	0h	-96.7014	3.07258	-44.5087	0	0.05	1	-108.795	-84.6078
ox-MWCNT	25mg/L	24h	BP@MWCNT	5mg/L	24h	-87.9514	3.07258	-40.4814	0	0.05	1	-100.045	-75.8578
ox-MWCNT	25mg/L	24h	BP@MWCNT	5mg/L	48h	-81.7014	3.07258	-37.6047	0	0.05	1	-93.795	-69.6078
ox-MWCNT	25mg/L	24h	BP@MWCNT	25mg/L	0h	-96.7014	3.07258	-44.5087	0	0.05	1	-108.795	-84.6078
ox-MWCNT	25mg/L	24h	BP@MWCNT	25mg/L	24h	-93.5764	3.07258	-43.0704	0	0.05	1	-105.67	-81.4828
ox-MWCNT	25mg/L	24h	BP@MWCNT	25mg/L	48h	-83.1597	3.07258	-38.2759	0	0.05	1	-95.2534	-71.0661
ox-MWCNT	25mg/L	24h	BP@MWCNT	50mg/L	0h	-96.7014	3.07258	-44.5087	0	0.05	1	-108.795	-84.6078
ox-MWCNT	25mg/L	24h	BP@MWCNT	50mg/L	24h	-91.8802	3.07258	-42.2897	0	0.05	1	-103.974	-79.7866
ox-MWCNT	25mg/L	24h	BP@MWCNT	50mg/L	48h	-82.2379	3.07258	-37.8516	0	0.05	1	-94.3316	-70.1443
ox-MWCNT	25mg/L	24h	BP@MWCNT	100mg/L	0h	-96.7014	3.07258	-44.5087	0	0.05	1	-108.795	-84.6078
ox-MWCNT	25mg/L	24h	BP@MWCNT	100mg/L	24h	-88.6855	3.07258	-40.8192	0	0.05	1	-100.779	-76.5919
ox-MWCNT	25mg/L	24h	BP@MWCNT	100mg/L	48h	-82.495	3.07258	-37.97	0	0.05	1	-94.5887	-70.4014
ox-MWCNT	25mg/L	48h	ox-MWCNT	50mg/L	0h	-98.0903	3.07258	-45.148	0	0.05	1	-110.184	-85.9966
ox-MWCNT	25mg/L	48h	ox-MWCNT	50mg/L	24h	-1.03985	3.07258	-0.47861	1	0.05	0	-13.1335	11.05379
ox-MWCNT	25mg/L	48h	ox-MWCNT	50mg/L	48h	0.19707	3.07258	0.0907	1	0.05	0	-11.8966	12.2907
ox-MWCNT	25mg/L	48h	ox-MWCNT	100mg/L	0h	-98.0903	3.07258	-45.148	0	0.05	1	-110.184	-85.9966
ox-MWCNT	25mg/L	48h	ox-MWCNT	100mg/L	24h	-0.83679	3.07258	-0.38515	1	0.05	0	-12.9304	11.25685
ox-MWCNT	25mg/L	48h	ox-MWCNT	100mg/L	48h	1.45947	3.07258	0.67175	1	0.05	0	-10.6342	13.55311

ox-MWCNT	25mg/L	48h	BP@MWCNT	1mg/L	0h	-98.0903	3.07258	-45.148	0	0.05	1	-110.184	-85.9966
ox-MWCNT	25mg/L	48h	BP@MWCNT	1mg/L	24h	-94.7569	3.07258	-43.6137	0	0.05	1	-106.851	-82.6633
ox-MWCNT	25mg/L	48h	BP@MWCNT	1mg/L	48h	-91.4236	3.07258	-42.0795	0	0.05	1	-103.517	-79.33
ox-MWCNT	25mg/L	48h	BP@MWCNT	5mg/L	0h	-98.0903	3.07258	-45.148	0	0.05	1	-110.184	-85.9966
ox-MWCNT	25mg/L	48h	BP@MWCNT	5mg/L	24h	-89.3403	3.07258	-41.1206	0	0.05	1	-101.434	-77.2466
ox-MWCNT	25mg/L	48h	BP@MWCNT	5mg/L	48h	-83.0903	3.07258	-38.2439	0	0.05	1	-95.1839	-70.9966
ox-MWCNT	25mg/L	48h	BP@MWCNT	25mg/L	0h	-98.0903	3.07258	-45.148	0	0.05	1	-110.184	-85.9966
ox-MWCNT	25mg/L	48h	BP@MWCNT	25mg/L	24h	-94.9653	3.07258	-43.7096	0	0.05	1	-107.059	-82.8716
ox-MWCNT	25mg/L	48h	BP@MWCNT	25mg/L	48h	-84.5486	3.07258	-38.9152	0	0.05	1	-96.6423	-72.455
ox-MWCNT	25mg/L	48h	BP@MWCNT	50mg/L	0h	-98.0903	3.07258	-45.148	0	0.05	1	-110.184	-85.9966
ox-MWCNT	25mg/L	48h	BP@MWCNT	50mg/L	24h	-93.2691	3.07258	-42.9289	0	0.05	1	-105.363	-81.1755
ox-MWCNT	25mg/L	48h	BP@MWCNT	50mg/L	48h	-83.6268	3.07258	-38.4909	0	0.05	1	-95.7205	-71.5332
ox-MWCNT	25mg/L	48h	BP@MWCNT	100mg/L	0h	-98.0903	3.07258	-45.148	0	0.05	1	-110.184	-85.9966
ox-MWCNT	25mg/L	48h	BP@MWCNT	100mg/L	24h	-90.0744	3.07258	-41.4585	0	0.05	1	-102.168	-77.9808
ox-MWCNT	25mg/L	48h	BP@MWCNT	100mg/L	48h	-83.8839	3.07258	-38.6092	0	0.05	1	-95.9776	-71.7903
ox-MWCNT	50mg/L	0h	ox-MWCNT	50mg/L	24h	97.05043	3.07258	44.66936	0	0.05	1	84.95679	109.1441
ox-MWCNT	50mg/L	0h	ox-MWCNT	50mg/L	48h	98.28735	3.07258	45.23867	0	0.05	1	86.19371	110.381
ox-MWCNT	50mg/L	0h	ox-MWCNT	100mg/L	0h	2.42E-13	3.07258	1.11E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	50mg/L	0h	ox-MWCNT	100mg/L	24h	97.25349	3.07258	44.76282	0	0.05	1	85.15985	109.3471
ox-MWCNT	50mg/L	0h	ox-MWCNT	100mg/L	48h	99.54975	3.07258	45.81972	0	0.05	1	87.45612	111.6434
ox-MWCNT	50mg/L	0h	BP@MWCNT	1mg/L	0h	-3.98E-13	3.07258	-1.83E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	50mg/L	0h	BP@MWCNT	1mg/L	24h	3.33333	3.07258	1.53423	1	0.05	0	-8.7603	15.42697
ox-MWCNT	50mg/L	0h	BP@MWCNT	1mg/L	48h	6.66667	3.07258	3.06846	0.92598	0.05	0	-5.42697	18.7603
ox-MWCNT	50mg/L	0h	BP@MWCNT	5mg/L	0h	-2.98E-13	3.07258	-1.37E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	50mg/L	0h	BP@MWCNT	5mg/L	24h	8.75	3.07258	4.02736	0.52007	0.05	0	-3.34364	20.84364
ox-MWCNT	50mg/L	0h	BP@MWCNT	5mg/L	48h	15	3.07258	6.90404	0.00262	0.05	1	2.90636	27.09364
ox-MWCNT	50mg/L	0h	BP@MWCNT	25mg/L	0h	-1.99E-13	3.07258	-9.16E-14	1	0.05	0	-12.0936	12.09364

ox-MWCNT	50mg/L	0h	BP@MWCNT	25mg/L	24h	3.125	3.07258	1.43834	1	0.05	0	-8.96864	15.21864
ox-MWCNT	50mg/L	0h	BP@MWCNT	25mg/L	48h	13.54167	3.07258	6.23282	0.01239	0.05	1	1.44803	25.6353
ox-MWCNT	50mg/L	0h	BP@MWCNT	50mg/L	0h	-4.55E-13	3.07258	-2.09E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	50mg/L	0h	BP@MWCNT	50mg/L	24h	4.82115	3.07258	2.21903	0.99885	0.05	0	-7.27248	16.91479
ox-MWCNT	50mg/L	0h	BP@MWCNT	50mg/L	48h	14.46345	3.07258	6.65709	0.00471	0.05	1	2.36982	26.55709
ox-MWCNT	50mg/L	0h	BP@MWCNT	100mg/L	0h	-3.27E-13	3.07258	-1.50E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	50mg/L	0h	BP@MWCNT	100mg/L	24h	8.01587	3.07258	3.68946	0.69279	0.05	0	-4.07776	20.10951
ox-MWCNT	50mg/L	0h	BP@MWCNT	100mg/L	48h	14.20635	3.07258	6.53875	0.0062	0.05	1	2.11271	26.29998
ox-MWCNT	50mg/L	24h	ox-MWCNT	50mg/L	48h	1.23692	3.07258	0.56932	1	0.05	0	-10.8567	13.33055
ox-MWCNT	50mg/L	24h	ox-MWCNT	100mg/L	0h	-97.0504	3.07258	-44.6694	0	0.05	1	-109.144	-84.9568
ox-MWCNT	50mg/L	24h	ox-MWCNT	100mg/L	24h	0.20306	3.07258	0.09346	1	0.05	0	-11.8906	12.2967
ox-MWCNT	50mg/L	24h	ox-MWCNT	100mg/L	48h	2.49932	3.07258	1.15036	1	0.05	0	-9.59431	14.59296
ox-MWCNT	50mg/L	24h	BP@MWCNT	1mg/L	0h	-97.0504	3.07258	-44.6694	0	0.05	1	-109.144	-84.9568
ox-MWCNT	50mg/L	24h	BP@MWCNT	1mg/L	24h	-93.7171	3.07258	-43.1351	0	0.05	1	-105.811	-81.6235
ox-MWCNT	50mg/L	24h	BP@MWCNT	1mg/L	48h	-90.3838	3.07258	-41.6009	0	0.05	1	-102.477	-78.2901
ox-MWCNT	50mg/L	24h	BP@MWCNT	5mg/L	0h	-97.0504	3.07258	-44.6694	0	0.05	1	-109.144	-84.9568
ox-MWCNT	50mg/L	24h	BP@MWCNT	5mg/L	24h	-88.3004	3.07258	-40.642	0	0.05	1	-100.394	-76.2068
ox-MWCNT	50mg/L	24h	BP@MWCNT	5mg/L	48h	-82.0504	3.07258	-37.7653	0	0.05	1	-94.1441	-69.9568
ox-MWCNT	50mg/L	24h	BP@MWCNT	25mg/L	0h	-97.0504	3.07258	-44.6694	0	0.05	1	-109.144	-84.9568
ox-MWCNT	50mg/L	24h	BP@MWCNT	25mg/L	24h	-93.9254	3.07258	-43.231	0	0.05	1	-106.019	-81.8318
ox-MWCNT	50mg/L	24h	BP@MWCNT	25mg/L	48h	-83.5088	3.07258	-38.4365	0	0.05	1	-95.6024	-71.4151
ox-MWCNT	50mg/L	24h	BP@MWCNT	50mg/L	0h	-97.0504	3.07258	-44.6694	0	0.05	1	-109.144	-84.9568
ox-MWCNT	50mg/L	24h	BP@MWCNT	50mg/L	24h	-92.2293	3.07258	-42.4503	0	0.05	1	-104.323	-80.1356
ox-MWCNT	50mg/L	24h	BP@MWCNT	50mg/L	48h	-82.587	3.07258	-38.0123	0	0.05	1	-94.6806	-70.4933
ox-MWCNT	50mg/L	24h	BP@MWCNT	100mg/L	0h	-97.0504	3.07258	-44.6694	0	0.05	1	-109.144	-84.9568
ox-MWCNT	50mg/L	24h	BP@MWCNT	100mg/L	24h	-89.0346	3.07258	-40.9799	0	0.05	1	-101.128	-76.9409
ox-MWCNT	50mg/L	24h	BP@MWCNT	100mg/L	48h	-82.8441	3.07258	-38.1306	0	0.05	1	-94.9377	-70.7504

ox-MWCNT	50mg/L	48h	ox-MWCNT	100mg/L	0h	-98.2874	3.07258	-45.2387	0	0.05	1	-110.381	-86.1937
ox-MWCNT	50mg/L	48h	ox-MWCNT	100mg/L	24h	-1.03386	3.07258	-0.47585	1	0.05	0	-13.1275	11.05978
ox-MWCNT	50mg/L	48h	ox-MWCNT	100mg/L	48h	1.26241	3.07258	0.58105	1	0.05	0	-10.8312	13.35604
ox-MWCNT	50mg/L	48h	BP@MWCNT	1mg/L	0h	-98.2874	3.07258	-45.2387	0	0.05	1	-110.381	-86.1937
ox-MWCNT	50mg/L	48h	BP@MWCNT	1mg/L	24h	-94.954	3.07258	-43.7044	0	0.05	1	-107.048	-82.8604
ox-MWCNT	50mg/L	48h	BP@MWCNT	1mg/L	48h	-91.6207	3.07258	-42.1702	0	0.05	1	-103.714	-79.527
ox-MWCNT	50mg/L	48h	BP@MWCNT	5mg/L	0h	-98.2874	3.07258	-45.2387	0	0.05	1	-110.381	-86.1937
ox-MWCNT	50mg/L	48h	BP@MWCNT	5mg/L	24h	-89.5374	3.07258	-41.2113	0	0.05	1	-101.631	-77.4437
ox-MWCNT	50mg/L	48h	BP@MWCNT	5mg/L	48h	-83.2874	3.07258	-38.3346	0	0.05	1	-95.381	-71.1937
ox-MWCNT	50mg/L	48h	BP@MWCNT	25mg/L	0h	-98.2874	3.07258	-45.2387	0	0.05	1	-110.381	-86.1937
ox-MWCNT	50mg/L	48h	BP@MWCNT	25mg/L	24h	-95.1624	3.07258	-43.8003	0	0.05	1	-107.256	-83.0687
ox-MWCNT	50mg/L	48h	BP@MWCNT	25mg/L	48h	-84.7457	3.07258	-39.0059	0	0.05	1	-96.8393	-72.652
ox-MWCNT	50mg/L	48h	BP@MWCNT	50mg/L	0h	-98.2874	3.07258	-45.2387	0	0.05	1	-110.381	-86.1937
ox-MWCNT	50mg/L	48h	BP@MWCNT	50mg/L	24h	-93.4662	3.07258	-43.0196	0	0.05	1	-105.56	-81.3726
ox-MWCNT	50mg/L	48h	BP@MWCNT	50mg/L	48h	-83.8239	3.07258	-38.5816	0	0.05	1	-95.9175	-71.7303
ox-MWCNT	50mg/L	48h	BP@MWCNT	100mg/L	0h	-98.2874	3.07258	-45.2387	0	0.05	1	-110.381	-86.1937
ox-MWCNT	50mg/L	48h	BP@MWCNT	100mg/L	24h	-90.2715	3.07258	-41.5492	0	0.05	1	-102.365	-78.1778
ox-MWCNT	50mg/L	48h	BP@MWCNT	100mg/L	48h	-84.081	3.07258	-38.6999	0	0.05	1	-96.1746	-71.9874
ox-MWCNT	100mg/L	0h	ox-MWCNT	100mg/L	24h	97.25349	3.07258	44.76282	0	0.05	1	85.15985	109.3471
ox-MWCNT	100mg/L	0h	ox-MWCNT	100mg/L	48h	99.54975	3.07258	45.81972	0	0.05	1	87.45612	111.6434
ox-MWCNT	100mg/L	0h	BP@MWCNT	1mg/L	0h	-6.39E-13	3.07258	-2.94E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	100mg/L	0h	BP@MWCNT	1mg/L	24h	3.33333	3.07258	1.53423	1	0.05	0	-8.7603	15.42697
ox-MWCNT	100mg/L	0h	BP@MWCNT	1mg/L	48h	6.66667	3.07258	3.06846	0.92598	0.05	0	-5.42697	18.7603
ox-MWCNT	100mg/L	0h	BP@MWCNT	5mg/L	0h	-5.40E-13	3.07258	-2.49E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	100mg/L	0h	BP@MWCNT	5mg/L	24h	8.75	3.07258	4.02736	0.52007	0.05	0	-3.34364	20.84364
ox-MWCNT	100mg/L	0h	BP@MWCNT	5mg/L	48h	15	3.07258	6.90404	0.00262	0.05	1	2.90636	27.09364
ox-MWCNT	100mg/L	0h	BP@MWCNT	25mg/L	0h	-4.41E-13	3.07258	-2.03E-13	1	0.05	0	-12.0936	12.09364

ox-MWCNT	100mg/L	0h	BP@MWCNT	25mg/L	24h	3.125	3.07258	1.43834	1	0.05	0	-8.96864	15.21864
ox-MWCNT	100mg/L	0h	BP@MWCNT	25mg/L	48h	13.54167	3.07258	6.23282	0.01239	0.05	1	1.44803	25.6353
ox-MWCNT	100mg/L	0h	BP@MWCNT	50mg/L	0h	-6.96E-13	3.07258	-3.21E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	100mg/L	0h	BP@MWCNT	50mg/L	24h	4.82115	3.07258	2.21903	0.99885	0.05	0	-7.27248	16.91479
ox-MWCNT	100mg/L	0h	BP@MWCNT	50mg/L	48h	14.46345	3.07258	6.65709	0.00471	0.05	1	2.36982	26.55709
ox-MWCNT	100mg/L	0h	BP@MWCNT	100mg/L	0h	-5.68E-13	3.07258	-2.62E-13	1	0.05	0	-12.0936	12.09364
ox-MWCNT	100mg/L	0h	BP@MWCNT	100mg/L	24h	8.01587	3.07258	3.68946	0.69279	0.05	0	-4.07776	20.10951
ox-MWCNT	100mg/L	0h	BP@MWCNT	100mg/L	48h	14.20635	3.07258	6.53875	0.0062	0.05	1	2.11271	26.29998
ox-MWCNT	100mg/L	24h	ox-MWCNT	100mg/L	48h	2.29626	3.07258	1.0569	1	0.05	0	-9.79737	14.3899
ox-MWCNT	100mg/L	24h	BP@MWCNT	1mg/L	0h	-97.2535	3.07258	-44.7628	0	0.05	1	-109.347	-85.1599
ox-MWCNT	100mg/L	24h	BP@MWCNT	1mg/L	24h	-93.9202	3.07258	-43.2286	0	0.05	1	-106.014	-81.8265
ox-MWCNT	100mg/L	24h	BP@MWCNT	1mg/L	48h	-90.5868	3.07258	-41.6944	0	0.05	1	-102.68	-78.4932
ox-MWCNT	100mg/L	24h	BP@MWCNT	5mg/L	0h	-97.2535	3.07258	-44.7628	0	0.05	1	-109.347	-85.1599
ox-MWCNT	100mg/L	24h	BP@MWCNT	5mg/L	24h	-88.5035	3.07258	-40.7355	0	0.05	1	-100.597	-76.4099
ox-MWCNT	100mg/L	24h	BP@MWCNT	5mg/L	48h	-82.2535	3.07258	-37.8588	0	0.05	1	-94.3471	-70.1599
ox-MWCNT	100mg/L	24h	BP@MWCNT	25mg/L	0h	-97.2535	3.07258	-44.7628	0	0.05	1	-109.347	-85.1599
ox-MWCNT	100mg/L	24h	BP@MWCNT	25mg/L	24h	-94.1285	3.07258	-43.3245	0	0.05	1	-106.222	-82.0349
ox-MWCNT	100mg/L	24h	BP@MWCNT	25mg/L	48h	-83.7118	3.07258	-38.53	0	0.05	1	-95.8055	-71.6182
ox-MWCNT	100mg/L	24h	BP@MWCNT	50mg/L	0h	-97.2535	3.07258	-44.7628	0	0.05	1	-109.347	-85.1599
ox-MWCNT	100mg/L	24h	BP@MWCNT	50mg/L	24h	-92.4323	3.07258	-42.5438	0	0.05	1	-104.526	-80.3387
ox-MWCNT	100mg/L	24h	BP@MWCNT	50mg/L	48h	-82.79	3.07258	-38.1057	0	0.05	1	-94.8837	-70.6964
ox-MWCNT	100mg/L	24h	BP@MWCNT	100mg/L	0h	-97.2535	3.07258	-44.7628	0	0.05	1	-109.347	-85.1599
ox-MWCNT	100mg/L	24h	BP@MWCNT	100mg/L	24h	-89.2376	3.07258	-41.0734	0	0.05	1	-101.331	-77.144
ox-MWCNT	100mg/L	24h	BP@MWCNT	100mg/L	48h	-83.0471	3.07258	-38.2241	0	0.05	1	-95.1408	-70.9535
ox-MWCNT	100mg/L	48h	BP@MWCNT	1mg/L	0h	-99.5498	3.07258	-45.8197	0	0.05	1	-111.643	-87.4561
ox-MWCNT	100mg/L	48h	BP@MWCNT	1mg/L	24h	-96.2164	3.07258	-44.2855	0	0.05	1	-108.31	-84.1228
ox-MWCNT	100mg/L	48h	BP@MWCNT	1mg/L	48h	-92.8831	3.07258	-42.7513	0	0.05	1	-104.977	-80.7895

ox-MWCNT	100mg/L	48h	BP@MWCNT	5mg/L	0h	-99.5498	3.07258	-45.8197	0	0.05	1	-111.643	-87.4561
ox-MWCNT	100mg/L	48h	BP@MWCNT	5mg/L	24h	-90.7998	3.07258	-41.7924	0	0.05	1	-102.893	-78.7061
ox-MWCNT	100mg/L	48h	BP@MWCNT	5mg/L	48h	-84.5498	3.07258	-38.9157	0	0.05	1	-96.6434	-72.4561
ox-MWCNT	100mg/L	48h	BP@MWCNT	25mg/L	0h	-99.5498	3.07258	-45.8197	0	0.05	1	-111.643	-87.4561
ox-MWCNT	100mg/L	48h	BP@MWCNT	25mg/L	24h	-96.4248	3.07258	-44.3814	0	0.05	1	-108.518	-84.3311
ox-MWCNT	100mg/L	48h	BP@MWCNT	25mg/L	48h	-86.0081	3.07258	-39.5869	0	0.05	1	-98.1017	-73.9145
ox-MWCNT	100mg/L	48h	BP@MWCNT	50mg/L	0h	-99.5498	3.07258	-45.8197	0	0.05	1	-111.643	-87.4561
ox-MWCNT	100mg/L	48h	BP@MWCNT	50mg/L	24h	-94.7286	3.07258	-43.6007	0	0.05	1	-106.822	-82.635
ox-MWCNT	100mg/L	48h	BP@MWCNT	50mg/L	48h	-85.0863	3.07258	-39.1626	0	0.05	1	-97.1799	-72.9927
ox-MWCNT	100mg/L	48h	BP@MWCNT	100mg/L	0h	-99.5498	3.07258	-45.8197	0	0.05	1	-111.643	-87.4561
ox-MWCNT	100mg/L	48h	BP@MWCNT	100mg/L	24h	-91.5339	3.07258	-42.1303	0	0.05	1	-103.628	-79.4402
ox-MWCNT	100mg/L	48h	BP@MWCNT	100mg/L	48h	-85.3434	3.07258	-39.281	0	0.05	1	-97.437	-73.2498
BP@MWCNT	1mg/L	0h	BP@MWCNT	1mg/L	24h	3.33333	3.07258	1.53423	1	0.05	0	-8.7603	15.42697
BP@MWCNT	1mg/L	0h	BP@MWCNT	1mg/L	48h	6.66667	3.07258	3.06846	0.92598	0.05	0	-5.42697	18.7603
BP@MWCNT	1mg/L	0h	BP@MWCNT	5mg/L	0h	9.95E-14	3.07258	4.58E-14	1	0.05	0	-12.0936	12.09364
BP@MWCNT	1mg/L	0h	BP@MWCNT	5mg/L	24h	8.75	3.07258	4.02736	0.52007	0.05	0	-3.34364	20.84364
BP@MWCNT	1mg/L	0h	BP@MWCNT	5mg/L	48h	15	3.07258	6.90404	0.00262	0.05	1	2.90636	27.09364
BP@MWCNT	1mg/L	0h	BP@MWCNT	25mg/L	0h	1.99E-13	3.07258	9.16E-14	1	0.05	0	-12.0936	12.09364
BP@MWCNT	1mg/L	0h	BP@MWCNT	25mg/L	24h	3.125	3.07258	1.43834	1	0.05	0	-8.96864	15.21864
BP@MWCNT	1mg/L	0h	BP@MWCNT	25mg/L	48h	13.54167	3.07258	6.23282	0.01239	0.05	1	1.44803	25.6353
BP@MWCNT	1mg/L	0h	BP@MWCNT	50mg/L	0h	-5.68E-14	3.07258	-2.62E-14	1	0.05	0	-12.0936	12.09364
BP@MWCNT	1mg/L	0h	BP@MWCNT	50mg/L	24h	4.82115	3.07258	2.21903	0.99885	0.05	0	-7.27248	16.91479
BP@MWCNT	1mg/L	0h	BP@MWCNT	50mg/L	48h	14.46345	3.07258	6.65709	0.00471	0.05	1	2.36982	26.55709
BP@MWCNT	1mg/L	0h	BP@MWCNT	100mg/L	0h	7.11E-14	3.07258	3.27E-14	1	0.05	0	-12.0936	12.09364
BP@MWCNT	1mg/L	0h	BP@MWCNT	100mg/L	24h	8.01587	3.07258	3.68946	0.69279	0.05	0	-4.07776	20.10951
BP@MWCNT	1mg/L	0h	BP@MWCNT	100mg/L	48h	14.20635	3.07258	6.53875	0.0062	0.05	1	2.11271	26.29998
BP@MWCNT	1mg/L	24h	BP@MWCNT	1mg/L	48h	3.33333	3.07258	1.53423	1	0.05	0	-8.7603	15.42697

BP@MWCNT	1mg/L	24h	BP@MWCNT	5mg/L	0h	-3.33333	3.07258	-1.53423	1	0.05	0	-15.427	8.7603
BP@MWCNT	1mg/L	24h	BP@MWCNT	5mg/L	24h	5.41667	3.07258	2.49313	0.99349	0.05	0	-6.67697	17.5103
BP@MWCNT	1mg/L	24h	BP@MWCNT	5mg/L	48h	11.66667	3.07258	5.36981	0.07282	0.05	0	-0.42697	23.7603
BP@MWCNT	1mg/L	24h	BP@MWCNT	25mg/L	0h	-3.33333	3.07258	-1.53423	1	0.05	0	-15.427	8.7603
BP@MWCNT	1mg/L	24h	BP@MWCNT	25mg/L	24h	-0.20833	3.07258	-0.09589	1	0.05	0	-12.302	11.8853
BP@MWCNT	1mg/L	24h	BP@MWCNT	25mg/L	48h	10.20833	3.07258	4.69859	0.22561	0.05	0	-1.8853	22.30197
BP@MWCNT	1mg/L	24h	BP@MWCNT	50mg/L	0h	-3.33333	3.07258	-1.53423	1	0.05	0	-15.427	8.7603
BP@MWCNT	1mg/L	24h	BP@MWCNT	50mg/L	24h	1.48782	3.07258	0.6848	1	0.05	0	-10.6058	13.58145
BP@MWCNT	1mg/L	24h	BP@MWCNT	50mg/L	48h	11.13012	3.07258	5.12286	0.1137	0.05	0	-0.96352	23.22375
BP@MWCNT	1mg/L	24h	BP@MWCNT	100mg/L	0h	-3.33333	3.07258	-1.53423	1	0.05	0	-15.427	8.7603
BP@MWCNT	1mg/L	24h	BP@MWCNT	100mg/L	24h	4.68254	3.07258	2.15523	0.99928	0.05	0	-7.4111	16.77617
BP@MWCNT	1mg/L	24h	BP@MWCNT	100mg/L	48h	10.87302	3.07258	5.00452	0.13913	0.05	0	-1.22062	22.96665
BP@MWCNT	1mg/L	48h	BP@MWCNT	5mg/L	0h	-6.66667	3.07258	-3.06846	0.92598	0.05	0	-18.7603	5.42697
BP@MWCNT	1mg/L	48h	BP@MWCNT	5mg/L	24h	2.08333	3.07258	0.95889	1	0.05	0	-10.0103	14.17697
BP@MWCNT	1mg/L	48h	BP@MWCNT	5mg/L	48h	8.33333	3.07258	3.83558	0.61911	0.05	0	-3.7603	20.42697
BP@MWCNT	1mg/L	48h	BP@MWCNT	25mg/L	0h	-6.66667	3.07258	-3.06846	0.92598	0.05	0	-18.7603	5.42697
BP@MWCNT	1mg/L	48h	BP@MWCNT	25mg/L	24h	-3.54167	3.07258	-1.63012	1	0.05	0	-15.6353	8.55197
BP@MWCNT	1mg/L	48h	BP@MWCNT	25mg/L	48h	6.875	3.07258	3.16435	0.90154	0.05	0	-5.21864	18.96864
BP@MWCNT	1mg/L	48h	BP@MWCNT	50mg/L	0h	-6.66667	3.07258	-3.06846	0.92598	0.05	0	-18.7603	5.42697
BP@MWCNT	1mg/L	48h	BP@MWCNT	50mg/L	24h	-1.84552	3.07258	-0.84943	1	0.05	0	-13.9392	10.24812
BP@MWCNT	1mg/L	48h	BP@MWCNT	50mg/L	48h	7.79679	3.07258	3.58862	0.74104	0.05	0	-4.29685	19.89042
BP@MWCNT	1mg/L	48h	BP@MWCNT	100mg/L	0h	-6.66667	3.07258	-3.06846	0.92598	0.05	0	-18.7603	5.42697
BP@MWCNT	1mg/L	48h	BP@MWCNT	100mg/L	24h	1.34921	3.07258	0.621	1	0.05	0	-10.7444	13.44284
BP@MWCNT	1mg/L	48h	BP@MWCNT	100mg/L	48h	7.53968	3.07258	3.47029	0.79358	0.05	0	-4.55395	19.63332
BP@MWCNT	5mg/L	0h	BP@MWCNT	5mg/L	24h	8.75	3.07258	4.02736	0.52007	0.05	0	-3.34364	20.84364
BP@MWCNT	5mg/L	0h	BP@MWCNT	5mg/L	48h	15	3.07258	6.90404	0.00262	0.05	1	2.90636	27.09364
BP@MWCNT	5mg/L	0h	BP@MWCNT	25mg/L	0h	9.95E-14	3.07258	4.58E-14	1	0.05	0	-12.0936	12.09364

BP@MWCNT	5mg/L	0h	BP@MWCNT	25mg/L	24h	3.125	3.07258	1.43834	1	0.05	0	-8.96864	15.21864
BP@MWCNT	5mg/L	0h	BP@MWCNT	25mg/L	48h	13.54167	3.07258	6.23282	0.01239	0.05	1	1.44803	25.6353
BP@MWCNT	5mg/L	0h	BP@MWCNT	50mg/L	0h	-1.56E-13	3.07258	-7.19E-14	1	0.05	0	-12.0936	12.09364
BP@MWCNT	5mg/L	0h	BP@MWCNT	50mg/L	24h	4.82115	3.07258	2.21903	0.99885	0.05	0	-7.27248	16.91479
BP@MWCNT	5mg/L	0h	BP@MWCNT	50mg/L	48h	14.46345	3.07258	6.65709	0.00471	0.05	1	2.36982	26.55709
BP@MWCNT	5mg/L	0h	BP@MWCNT	100mg/L	0h	-2.84E-14	3.07258	-1.31E-14	1	0.05	0	-12.0936	12.09364
BP@MWCNT	5mg/L	0h	BP@MWCNT	100mg/L	24h	8.01587	3.07258	3.68946	0.69279	0.05	0	-4.07776	20.10951
BP@MWCNT	5mg/L	0h	BP@MWCNT	100mg/L	48h	14.20635	3.07258	6.53875	0.0062	0.05	1	2.11271	26.29998
BP@MWCNT	5mg/L	24h	BP@MWCNT	5mg/L	48h	6.25	3.07258	2.87668	0.96181	0.05	0	-5.84364	18.34364
BP@MWCNT	5mg/L	24h	BP@MWCNT	25mg/L	0h	-8.75	3.07258	-4.02736	0.52007	0.05	0	-20.8436	3.34364
BP@MWCNT	5mg/L	24h	BP@MWCNT	25mg/L	24h	-5.625	3.07258	-2.58902	0.9892	0.05	0	-17.7186	6.46864
BP@MWCNT	5mg/L	24h	BP@MWCNT	25mg/L	48h	4.79167	3.07258	2.20546	0.99896	0.05	0	-7.30197	16.8853
BP@MWCNT	5mg/L	24h	BP@MWCNT	50mg/L	0h	-8.75	3.07258	-4.02736	0.52007	0.05	0	-20.8436	3.34364
BP@MWCNT	5mg/L	24h	BP@MWCNT	50mg/L	24h	-3.92885	3.07258	-1.80833	0.99997	0.05	0	-16.0225	8.16479
BP@MWCNT	5mg/L	24h	BP@MWCNT	50mg/L	48h	5.71345	3.07258	2.62973	0.98679	0.05	0	-6.38018	17.80709
BP@MWCNT	5mg/L	24h	BP@MWCNT	100mg/L	0h	-8.75	3.07258	-4.02736	0.52007	0.05	0	-20.8436	3.34364
BP@MWCNT	5mg/L	24h	BP@MWCNT	100mg/L	24h	-0.73413	3.07258	-0.3379	1	0.05	0	-12.8278	11.35951
BP@MWCNT	5mg/L	24h	BP@MWCNT	100mg/L	48h	5.45635	3.07258	2.51139	0.9928	0.05	0	-6.63729	17.54998
BP@MWCNT	5mg/L	48h	BP@MWCNT	25mg/L	0h	-15	3.07258	-6.90404	0.00262	0.05	1	-27.0936	-2.90636
BP@MWCNT	5mg/L	48h	BP@MWCNT	25mg/L	24h	-11.875	3.07258	-5.4657	0.06075	0.05	0	-23.9686	0.21864
BP@MWCNT	5mg/L	48h	BP@MWCNT	25mg/L	48h	-1.45833	3.07258	-0.67123	1	0.05	0	-13.552	10.6353
BP@MWCNT	5mg/L	48h	BP@MWCNT	50mg/L	0h	-15	3.07258	-6.90404	0.00262	0.05	1	-27.0936	-2.90636
BP@MWCNT	5mg/L	48h	BP@MWCNT	50mg/L	24h	-10.1789	3.07258	-4.68501	0.23019	0.05	0	-22.2725	1.91479
BP@MWCNT	5mg/L	48h	BP@MWCNT	50mg/L	48h	-0.53655	3.07258	-0.24696	1	0.05	0	-12.6302	11.55709
BP@MWCNT	5mg/L	48h	BP@MWCNT	100mg/L	0h	-15	3.07258	-6.90404	0.00262	0.05	1	-27.0936	-2.90636
BP@MWCNT	5mg/L	48h	BP@MWCNT	100mg/L	24h	-6.98413	3.07258	-3.21458	0.8869	0.05	0	-19.0778	5.10951
BP@MWCNT	5mg/L	48h	BP@MWCNT	100mg/L	48h	-0.79365	3.07258	-0.36529	1	0.05	0	-12.8873	11.29998

BP@MWCNT	25mg/L	0h	BP@MWCNT	25mg/L	24h	3.125	3.07258	1.43834	1	0.05	0	-8.96864	15.21864
BP@MWCNT	25mg/L	0h	BP@MWCNT	25mg/L	48h	13.54167	3.07258	6.23282	0.01239	0.05	1	1.44803	25.6353
BP@MWCNT	25mg/L	0h	BP@MWCNT	50mg/L	0h	-2.56E-13	3.07258	-1.18E-13	1	0.05	0	-12.0936	12.09364
BP@MWCNT	25mg/L	0h	BP@MWCNT	50mg/L	24h	4.82115	3.07258	2.21903	0.99885	0.05	0	-7.27248	16.91479
BP@MWCNT	25mg/L	0h	BP@MWCNT	50mg/L	48h	14.46345	3.07258	6.65709	0.00471	0.05	1	2.36982	26.55709
BP@MWCNT	25mg/L	0h	BP@MWCNT	100mg/L	0h	-1.28E-13	3.07258	-5.89E-14	1	0.05	0	-12.0936	12.09364
BP@MWCNT	25mg/L	0h	BP@MWCNT	100mg/L	24h	8.01587	3.07258	3.68946	0.69279	0.05	0	-4.07776	20.10951
BP@MWCNT	25mg/L	0h	BP@MWCNT	100mg/L	48h	14.20635	3.07258	6.53875	0.0062	0.05	1	2.11271	26.29998
BP@MWCNT	25mg/L	24h	BP@MWCNT	25mg/L	48h	10.41667	3.07258	4.79447	0.19511	0.05	0	-1.67697	22.5103
BP@MWCNT	25mg/L	24h	BP@MWCNT	50mg/L	0h	-3.125	3.07258	-1.43834	1	0.05	0	-15.2186	8.96864
BP@MWCNT	25mg/L	24h	BP@MWCNT	50mg/L	24h	1.69615	3.07258	0.78069	1	0.05	0	-10.3975	13.78979
BP@MWCNT	25mg/L	24h	BP@MWCNT	50mg/L	48h	11.33845	3.07258	5.21874	0.096	0.05	0	-0.75518	23.43209
BP@MWCNT	25mg/L	24h	BP@MWCNT	100mg/L	0h	-3.125	3.07258	-1.43834	1	0.05	0	-15.2186	8.96864
BP@MWCNT	25mg/L	24h	BP@MWCNT	100mg/L	24h	4.89087	3.07258	2.25112	0.99856	0.05	0	-7.20276	16.98451
BP@MWCNT	25mg/L	24h	BP@MWCNT	100mg/L	48h	11.08135	3.07258	5.10041	0.11821	0.05	0	-1.01229	23.17498
BP@MWCNT	25mg/L	48h	BP@MWCNT	50mg/L	0h	-13.5417	3.07258	-6.23282	0.01239	0.05	1	-25.6353	-1.44803
BP@MWCNT	25mg/L	48h	BP@MWCNT	50mg/L	24h	-8.72052	3.07258	-4.01379	0.52704	0.05	0	-20.8142	3.37312
BP@MWCNT	25mg/L	48h	BP@MWCNT	50mg/L	48h	0.92179	3.07258	0.42427	1	0.05	0	-11.1719	13.01542
BP@MWCNT	25mg/L	48h	BP@MWCNT	100mg/L	0h	-13.5417	3.07258	-6.23282	0.01239	0.05	1	-25.6353	-1.44803
BP@MWCNT	25mg/L	48h	BP@MWCNT	100mg/L	24h	-5.52579	3.07258	-2.54335	0.99146	0.05	0	-17.6194	6.56784
BP@MWCNT	25mg/L	48h	BP@MWCNT	100mg/L	48h	0.66468	3.07258	0.30593	1	0.05	0	-11.429	12.75832
BP@MWCNT	50mg/L	0h	BP@MWCNT	50mg/L	24h	4.82115	3.07258	2.21903	0.99885	0.05	0	-7.27248	16.91479
BP@MWCNT	50mg/L	0h	BP@MWCNT	50mg/L	48h	14.46345	3.07258	6.65709	0.00471	0.05	1	2.36982	26.55709
BP@MWCNT	50mg/L	0h	BP@MWCNT	100mg/L	0h	1.28E-13	3.07258	5.89E-14	1	0.05	0	-12.0936	12.09364
BP@MWCNT	50mg/L	0h	BP@MWCNT	100mg/L	24h	8.01587	3.07258	3.68946	0.69279	0.05	0	-4.07776	20.10951
BP@MWCNT	50mg/L	0h	BP@MWCNT	100mg/L	48h	14.20635	3.07258	6.53875	0.0062	0.05	1	2.11271	26.29998
BP@MWCNT	50mg/L	24h	BP@MWCNT	50mg/L	48h	9.6423	3.07258	4.43806	0.3245	0.05	0	-2.45133	21.73594

BP@MWCNT	50mg/L	24h	BP@MWCNT	100mg/L	0h	-4.82115	3.07258	-2.21903	0.99885	0.05	0	-16.9148	7.27248
BP@MWCNT	50mg/L	24h	BP@MWCNT	100mg/L	24h	3.19472	3.07258	1.47043	1	0.05	0	-8.89891	15.28836
BP@MWCNT	50mg/L	24h	BP@MWCNT	100mg/L	48h	9.3852	3.07258	4.31972	0.37669	0.05	0	-2.70844	21.47883
BP@MWCNT	50mg/L	48h	BP@MWCNT	100mg/L	0h	-14.4635	3.07258	-6.65709	0.00471	0.05	1	-26.5571	-2.36982
BP@MWCNT	50mg/L	48h	BP@MWCNT	100mg/L	24h	-6.44758	3.07258	-2.96762	0.94689	0.05	0	-18.5412	5.64606
BP@MWCNT	50mg/L	48h	BP@MWCNT	100mg/L	48h	-0.2571	3.07258	-0.11834	1	0.05	0	-12.3507	11.83653
BP@MWCNT	100mg/L	0h	BP@MWCNT	100mg/L	24h	8.01587	3.07258	3.68946	0.69279	0.05	0	-4.07776	20.10951
BP@MWCNT	100mg/L	0h	BP@MWCNT	100mg/L	48h	14.20635	3.07258	6.53875	0.0062	0.05	1	2.11271	26.29998
BP@MWCNT	100mg/L	24h	BP@MWCNT	100mg/L	48h	6.19048	3.07258	2.84929	0.96563	0.05	0	-5.90316	18.28411

Sig equals 1 indicates that the difference of the means is significant at the 0.05 level.

Sig equals 0 indicates that the difference of the means is NOT significant at the 0.05 level.

Statistic table from Figure 6 data (pag. 33 from manuscript)

Figure 6. (A) Acute toxicity of the oxidized multiwalled carbon nanotubes (ox-MWCNT) and corona-coated with bovine plasma (BP@MWCNT) after 48 h of exposure on *D. similis*; (B) Depuration assay after acute exposure to ox-MWCNT and BP@MWCNT; (C) Daphnia size after depuration assay; (D) Optical images of *D. similis*. Different letters indicate significative differences between treatments (ANOVA) in post hoc Tukey tests ($P < 0.05$)

Data from Acute toxicity Figure 6 (A):

Normality test (Kolmogorov_Smirnov)

	DF	Statistic	p-value	Decision at level(5%)
ox-MWCNT (0 mg/L)	4	0	0	Reject normality
ox-MWCNT (1 mg/L)	4	0.30676	0.78651	Can't reject normality
ox-MWCNT (5 mg/L)	4	0.30676	0.78651	Can't reject normality
ox-MWCNT (25 mg/L)	4	0.44146	0.31546	Can't reject normality
ox-MWCNT (50 mg/L)	4	0.44146	0.31546	Can't reject normality
ox-MWCNT (100 mg/L)	4	0	0	Reject normality
BP@MWCNT (0 mg/L)	4	0	0	Reject normality
BP@MWCNT (1 mg/L)	4	0	0	Reject normality
BP@MWCNT (5 mg/L)	4	0	0	Reject normality
BP@MWCNT (25 mg/L)	4	0	0	Reject normality
BP@MWCNT (50 mg/L)	4	0	0	Reject normality
BP@MWCNT (100 mg/L)	4	0	0	Reject normality

Please refer to the “Decision at level” column for conclusion.

Kruskal-Wallis ANOVA: Dunn’s post hoc test

Material (concentration)	Material (concentration)	Mean Rank Diff	Z	Prob	Sig
ox-MWCNT (0 mg/L)	ox-MWCNT (1 mg/L)	1	0.65465	0.51269	0
ox-MWCNT (0 mg/L)	ox-MWCNT (5 mg/L)	1	0.65465	0.51269	0
ox-MWCNT (0 mg/L)	ox-MWCNT (25 mg/L)	1	0.65465	0.51269	0
ox-MWCNT (0 mg/L)	ox-MWCNT (50 mg/L)	2	1.32842	0.18404	0
ox-MWCNT (0 mg/L)	ox-MWCNT (100 mg/L)	3	2.08683	0.0369	1
ox-MWCNT (0 mg/L)	BP@MWCNT (0 mg/L)	0	0	1	0
ox-MWCNT (0 mg/L)	BP@MWCNT (1 mg/L)	0	0	1	0
ox-MWCNT (0 mg/L)	BP@MWCNT (5 mg/L)	0	0	1	0
ox-MWCNT (0 mg/L)	BP@MWCNT (25 mg/L)	0	0	1	0
ox-MWCNT (0 mg/L)	BP@MWCNT (50 mg/L)	0	0	1	0
ox-MWCNT (0 mg/L)	BP@MWCNT (100 mg/L)	0	0	1	0
ox-MWCNT (1 mg/L)	ox-MWCNT (5 mg/L)	0	0	1	0

ox-MWCNT (1 mg/L)	ox-MWCNT (25 mg/L)	0	0	1	0
ox-MWCNT (1 mg/L)	ox-MWCNT (50 mg/L)	1	0.69561	0.48667	0
ox-MWCNT (1 mg/L)	ox-MWCNT (100 mg/L)	2	1.54919	0.12134	0
ox-MWCNT (1 mg/L)	BP@MWCNT (0 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (1 mg/L)	BP@MWCNT (1 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (1 mg/L)	BP@MWCNT (5 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (1 mg/L)	BP@MWCNT (25 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (1 mg/L)	BP@MWCNT (50 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (1 mg/L)	BP@MWCNT (100 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (5 mg/L)	ox-MWCNT (25 mg/L)	0	0	1	0
ox-MWCNT (5 mg/L)	ox-MWCNT (50 mg/L)	1	0.69561	0.48667	0
ox-MWCNT (5 mg/L)	ox-MWCNT (100 mg/L)	2	1.54919	0.12134	0
ox-MWCNT (5 mg/L)	BP@MWCNT (0 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (5 mg/L)	BP@MWCNT (1 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (5 mg/L)	BP@MWCNT (5 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (5 mg/L)	BP@MWCNT (25 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (5 mg/L)	BP@MWCNT (50 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (5 mg/L)	BP@MWCNT (100 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (25 mg/L)	ox-MWCNT (50 mg/L)	1	0.69561	0.48667	0
ox-MWCNT (25 mg/L)	ox-MWCNT (100 mg/L)	2	1.54919	0.12134	0
ox-MWCNT (25 mg/L)	BP@MWCNT (0 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (25 mg/L)	BP@MWCNT (1 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (25 mg/L)	BP@MWCNT (5 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (25 mg/L)	BP@MWCNT (25 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (25 mg/L)	BP@MWCNT (50 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (25 mg/L)	BP@MWCNT (100 mg/L)	-1	-0.65465	0.51269	0
ox-MWCNT (50 mg/L)	ox-MWCNT (100 mg/L)	1	1	0.31731	0
ox-MWCNT (50 mg/L)	BP@MWCNT (0 mg/L)	-2	-1.32842	0.18404	0
ox-MWCNT (50 mg/L)	BP@MWCNT (1 mg/L)	-2	-1.32842	0.18404	0
ox-MWCNT (50 mg/L)	BP@MWCNT (5 mg/L)	-2	-1.32842	0.18404	0
ox-MWCNT (50 mg/L)	BP@MWCNT (25 mg/L)	-2	-1.32842	0.18404	0
ox-MWCNT (50 mg/L)	BP@MWCNT (50 mg/L)	-2	-1.32842	0.18404	0
ox-MWCNT (50 mg/L)	BP@MWCNT (100 mg/L)	-2	-1.32842	0.18404	0
ox-MWCNT (100 mg/L)	BP@MWCNT (0 mg/L)	-3	-2.08683	0.0369	1
ox-MWCNT (100 mg/L)	BP@MWCNT (1 mg/L)	-3	-2.08683	0.0369	1
ox-MWCNT (100 mg/L)	BP@MWCNT (5 mg/L)	-3	-2.08683	0.0369	1
ox-MWCNT (100 mg/L)	BP@MWCNT (25 mg/L)	-3	-2.08683	0.0369	1
ox-MWCNT (100 mg/L)	BP@MWCNT (50 mg/L)	-3	-2.08683	0.0369	1
ox-MWCNT (100 mg/L)	BP@MWCNT (100 mg/L)	-3	-2.08683	0.0369	1
BP@MWCNT (0 mg/L)	BP@MWCNT (1 mg/L)	0	0	1	0
BP@MWCNT (0 mg/L)	BP@MWCNT (5 mg/L)	0	0	1	0
BP@MWCNT (0 mg/L)	BP@MWCNT (25 mg/L)	0	0	1	0
BP@MWCNT (0 mg/L)	BP@MWCNT (25 mg/L)	0	0	1	0
BP@MWCNT (0 mg/L)	BP@MWCNT (50 mg/L)	0	0	1	0
BP@MWCNT (0 mg/L)	BP@MWCNT (100 mg/L)	0	0	1	0

BP@MWCNT (1 mg/L)	BP@MWCNT (5 mg/L)	0	0	1	0
BP@MWCNT (1 mg/L)	BP@MWCNT (25 mg/L)	0	0	1	0
BP@MWCNT (1 mg/L)	BP@MWCNT (50 mg/L)	0	0	1	0
BP@MWCNT (1 mg/L)	BP@MWCNT (100 mg/L)	0	0	1	0
BP@MWCNT (5 mg/L)	BP@MWCNT (25 mg/L)	0	0	1	0
BP@MWCNT (5 mg/L)	BP@MWCNT (50 mg/L)	0	0	1	0
BP@MWCNT (5 mg/L)	BP@MWCNT (100 mg/L)	0	0	1	0
BP@MWCNT (25 mg/L)	BP@MWCNT (50 mg/L)	0	0	1	0
BP@MWCNT (25 mg/L)	BP@MWCNT (100 mg/L)	0	0	1	0
BP@MWCNT (50 mg/L)	BP@MWCNT (100 mg/L)	0	0	1	0

Sig equals 1 indicates that the difference of the means is significant at the 0.05 level.

Sig equals 0 indicates that the difference of the means is NOT significant at the 0.05 level.

Data from Acute toxicity after depuration Figure 6 (B):

Normality test (Kolmogorov_Smirnov)

	DF	Statistic	p-value	Decision at level(5%)
ox-MWCNT (0 mg/L)	3	0.38482	0.64906	Can't reject normality
ox-MWCNT (1 mg/L)	3	0.38482	0.64906	Can't reject normality
ox-MWCNT (5 mg/L)	3	0.38482	0.64906	Can't reject normality
ox-MWCNT (25 mg/L)	3	0.38482	0.64906	Can't reject normality
ox-MWCNT (50 mg/L)	3	0.38482	0.64906	Can't reject normality
ox-MWCNT (100 mg/L)	3	0.38482	0.64906	Can't reject normality
BP@MWCNT (0 mg/L)	3	0.38482	0.64906	Can't reject normality
BP@MWCNT (1 mg/L)	3	0.38482	0.64906	Can't reject normality
BP@MWCNT (5 mg/L)	3	0.38482	0.64906	Can't reject normality
BP@MWCNT (25 mg/L)	3	0.38482	0.64906	Can't reject normality
BP@MWCNT (50 mg/L)	3	0.38482	0.64906	Can't reject normality
BP@MWCNT (100 mg/L)	3	0.38482	0.64906	Can't reject normality

Please refer to the "Decision at level" column for conclusion.

Homogeneity of Variance test (Brown-Forsythe test)

	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	11	177.77778	16.16162	1.74545	0.12284
Error	24	222.22222	9.25926		

At the 0.05 level, the population variances are not significantly different

Two-way ANOVA: Tukey post hoc test

Material	Conc.	Material	Conc.	MeanDiff	SEM	q Value	Prob	Alpha	Sig	LCL	UCL
ox-MWCNT	1 mg/L	ox-MWCNT	0 mg/L	-6.66667	7.45356	1.26491	0.99854	0.05	0	-33.5415	20.20812
ox-MWCNT	5 mg/L	ox-MWCNT	0 mg/L	-6.66667	7.45356	1.26491	0.99854	0.05	0	-33.5415	20.20812
ox-MWCNT	5 mg/L	ox-MWCNT	1 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
ox-MWCNT	25 mg/L	ox-MWCNT	0 mg/L	-10	7.45356	1.89737	0.96416	0.05	0	-36.8748	16.87479
ox-MWCNT	25 mg/L	ox-MWCNT	1 mg/L	-3.33333	7.45356	0.63246	1	0.05	0	-30.2081	23.54146
ox-MWCNT	25 mg/L	ox-MWCNT	5 mg/L	-3.33333	7.45356	0.63246	1	0.05	0	-30.2081	23.54146
ox-MWCNT	50 mg/L	ox-MWCNT	0 mg/L	-26.66667	7.45356	5.05964	0.05309	0.05	0	-53.5415	0.20812
ox-MWCNT	50 mg/L	ox-MWCNT	1 mg/L	-20	7.45356	3.79473	0.2916	0.05	0	-46.8748	6.87479
ox-MWCNT	50 mg/L	ox-MWCNT	5 mg/L	-20	7.45E+00	3.79473	0.2916	0.05	0	-46.8748	6.87479
ox-MWCNT	50 mg/L	ox-MWCNT	25 mg/L	-16.66667	7.45E+00	3.16228	0.54183	0.05	0.00E+00	-43.5415	10.20812
ox-MWCNT	100 mg/L	ox-MWCNT	0 mg/L	-66.66667	7.45E+00	12.64911	1.94E-07	0.05	1	-93.5415	-39.7919
ox-MWCNT	100 mg/L	ox-MWCNT	1 mg/L	-60	7.45E+00	11.3842	1.52E-06	0.05	1.00E+00	-86.8748	-33.1252
ox-MWCNT	100 mg/L	ox-MWCNT	5 mg/L	-60	7.45E+00	11.3842	1.52E-06	0.05	1	-86.8748	-33.1252
ox-MWCNT	100 mg/L	ox-MWCNT	25 mg/L	-56.66667	7.45E+00	10.75174	4.20E-06	0.05	1.00E+00	-83.5415	-29.7919
ox-MWCNT	100 mg/L	ox-MWCNT	50 mg/L	-40	7.45356	7.58947	8.11E-04	0.05	1	-66.8748	-13.1252
BP@MWCNT	0 mg/L	ox-MWCNT	0 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
BP@MWCNT	0 mg/L	ox-MWCNT	1 mg/L	6.66667	7.45356	1.26491	0.99854	0.05	0.00E+00	-20.2081	33.54146
BP@MWCNT	0 mg/L	ox-MWCNT	5 mg/L	6.66667	7.45356	1.26491	0.99854	0.05	0	-20.2081	33.54146
BP@MWCNT	0 mg/L	ox-MWCNT	25 mg/L	10	7.45E+00	1.89737	0.96416	0.05	0	-16.8748	36.87479
BP@MWCNT	0 mg/L	ox-MWCNT	50 mg/L	26.66667	7.45E+00	5.05964	0.05309	0.05	0	-0.20812	53.54146
BP@MWCNT	0 mg/L	ox-MWCNT	100 mg/L	66.66667	7.45356	12.64911	1.94E-07	0.05	1.00E+00	39.79188	93.54146
BP@MWCNT	1 mg/L	ox-MWCNT	0 mg/L	-6.66667	7.45356	1.26491	0.99854	0.05	0	-33.5415	20.20812
BP@MWCNT	1 mg/L	ox-MWCNT	1 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
BP@MWCNT	1 mg/L	ox-MWCNT	5 mg/L	0	7.45356	0	1	0.05	0.00E+00	-26.8748	26.87479

BP@MWCNT	1 mg/L	ox-MWCNT	25 mg/L	3.33333	7.45356	0.63246	1	0.05	0.00E+00	-23.5415	30.20812
BP@MWCNT	1 mg/L	ox-MWCNT	50 mg/L	20	7.45356	3.79473	0.2916	0.05	0.00E+00	-6.87479	46.87479
BP@MWCNT	1 mg/L	ox-MWCNT	100 mg/L	60	7.45356	11.3842	1.52E-06	0.05	1	33.12521	86.87479
BP@MWCNT	1 mg/L	BP@MWCNT	0 mg/L	-6.66667	7.45356	1.26491	0.99854	0.05	0	-33.5415	20.20812
BP@MWCNT	5 mg/L	ox-MWCNT	0 mg/L	-6.66667	7.45356	1.26491	0.99854	0.05	0	-33.5415	20.20812
BP@MWCNT	5 mg/L	ox-MWCNT	1 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
BP@MWCNT	5 mg/L	ox-MWCNT	5 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
BP@MWCNT	5 mg/L	ox-MWCNT	25 mg/L	3.33333	7.45356	0.63246	1	0.05	0	-23.5415	30.20812
BP@MWCNT	5 mg/L	ox-MWCNT	50 mg/L	20	7.45356	3.79473	0.2916	0.05	0	-6.87479	46.87479
BP@MWCNT	5 mg/L	ox-MWCNT	100 mg/L	60	7.45356	11.3842	1.52E-06	0.05	1	33.12521	86.87479
BP@MWCNT	5 mg/L	BP@MWCNT	0 mg/L	-6.66667	7.45356	1.26491	0.99854	0.05	0	-33.5415	20.20812
BP@MWCNT	5 mg/L	BP@MWCNT	1 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
BP@MWCNT	25 mg/L	ox-MWCNT	0 mg/L	-6.66667	7.45356	1.26491	0.99854	0.05	0	-33.5415	20.20812
BP@MWCNT	25 mg/L	ox-MWCNT	1 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
BP@MWCNT	25 mg/L	ox-MWCNT	5 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
BP@MWCNT	25 mg/L	ox-MWCNT	25 mg/L	3.33333	7.45356	0.63246	1	0.05	0	-23.5415	30.20812
BP@MWCNT	25 mg/L	ox-MWCNT	50 mg/L	20	7.45356	3.79473	0.2916	0.05	0	-6.87479	46.87479
BP@MWCNT	25 mg/L	ox-MWCNT	100 mg/L	60	7.45356	11.3842	1.52E-06	0.05	1	33.12521	86.87479
BP@MWCNT	25 mg/L	BP@MWCNT	0 mg/L	-6.66667	7.45356	1.26491	0.99854	0.05	0	-33.5415	20.20812
BP@MWCNT	25 mg/L	BP@MWCNT	1 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
BP@MWCNT	25 mg/L	BP@MWCNT	5 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
BP@MWCNT	50 mg/L	ox-MWCNT	0 mg/L	-6.66667	7.45356	1.26491	0.99854	0.05	0	-33.5415	20.20812
BP@MWCNT	50 mg/L	ox-MWCNT	1 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
BP@MWCNT	50 mg/L	ox-MWCNT	5 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
BP@MWCNT	50 mg/L	ox-MWCNT	25 mg/L	3.33333	7.45356	0.63246	1	0.05	0	-23.5415	30.20812
BP@MWCNT	50 mg/L	ox-MWCNT	50 mg/L	20	7.45356	3.79473	0.2916	0.05	0	-6.87479	46.87479
BP@MWCNT	50 mg/L	ox-MWCNT	100 mg/L	60	7.45356	11.3842	1.52E-06	0.05	1.00E+00	33.12521	86.87479

BP@MWCNT	50 mg/L	BP@MWCNT	0 mg/L	-6.66667	7.45356	1.26491	0.99854	0.05	0	-33.5415	20.20812
BP@MWCNT	50 mg/L	BP@MWCNT	1 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
BP@MWCNT	50 mg/L	BP@MWCNT	5 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
BP@MWCNT	50 mg/L	BP@MWCNT	25 mg/L	0	7.45356	0	1	0.05	0	-26.8748	26.87479
BP@MWCNT	100 mg/L	ox-MWCNT	0 mg/L	-40	7.45356	7.58947	8.11E-04	0.05	1	-66.8748	-13.1252
BP@MWCNT	100 mg/L	ox-MWCNT	1 mg/L	-33.33333	7.45356	6.32456	0.00694	0.05	1	-60.2081	-6.45854
BP@MWCNT	100 mg/L	ox-MWCNT	5 mg/L	-33.33333	7.45356	6.32456	0.00694	0.05	1	-60.2081	-6.45854
BP@MWCNT	100 mg/L	ox-MWCNT	25 mg/L	-30	7.45356	5.6921	0.01968	0.05	1	-56.8748	-3.12521
BP@MWCNT	100 mg/L	ox-MWCNT	50 mg/L	-13.33333	7.45356	2.52982	0.80872	0.05	0	-40.2081	13.54146
BP@MWCNT	100 mg/L	ox-MWCNT	100 mg/L	26.66667	7.45356	5.05964	0.05309	0.05	0	-0.20812	53.54146
BP@MWCNT	100 mg/L	BP@MWCNT	0 mg/L	-40	7.45356	7.58947	8.11E-04	0.05	1	-66.8748	-13.1252
BP@MWCNT	100 mg/L	BP@MWCNT	1 mg/L	-33.33333	7.45356	6.32456	0.00694	0.05	1	-60.2081	-6.45854
BP@MWCNT	100 mg/L	BP@MWCNT	5 mg/L	-33.33333	7.45356	6.32456	0.00694	0.05	1	-60.2081	-6.45854
BP@MWCNT	100 mg/L	BP@MWCNT	25 mg/L	-33.33333	7.45356	6.32456	0.00694	0.05	1	-60.2081	-6.45854
BP@MWCNT	100 mg/L	BP@MWCNT	50 mg/L	-33.33333	7.45356	6.32456	0.00694	0.05	1	-60.2081	-6.45854

Sig equals 1 indicates that the difference of the means is significant at the 0.05 level.

Sig equals 0 indicates that the difference of the means is NOT significant at the 0.05 level.

Data from Daphnia size after depuration Figure 6 (C):

Normality test (Kolmogorov_Smirnov)

	DF	Statistic	p-value	Decision at level(5%)
ox-MWCNT 0	10	0.21825	0.67474	Can't reject normality
ox-MWCNT 1	10	0.14782	1	Can't reject normality
ox-MWCNT 5	10	0.1331	1	Can't reject normality
ox-MWCNT 25	8	0.22509	0.7744	Can't reject normality
ox-MWCNT 50	4	1.71E-01	1.00E+00	Can't reject normality
ox-MWCNT 100	4	0.26055	9.79E-01	Can't reject normality
BP@MWCNT 0	9	0.2989	0.32945	Can't reject normality
BP@MWCNT 1	10	0.15101	1	Can't reject normality
BP@MWCNT 5	10	0.16373	1	Can't reject normality
BP@MWCNT 25	10	0.18634	0.88945	Can't reject normality
BP@MWCNT 50	10	0.22197	0.6515	Can't reject normality
BP@MWCNT 100	4	0.20028	1	Can't reject normality

Please refer to the “Decision at level” column for conclusion.

Homogeneity of Variance test (Brown-Forsythe test)

	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	11	0.00693	6.30E-04	1.29812	2.39E-01
Error	88	0.04273	4.86E-04		

At the 0.05 level, the population variances are not significantly different

Two-way ANOVA: Tukey post hoc test

Material	Conc.	Material	Conc.	MeanDiff	SEM	q Value	Prob	Alpha	Sig	LCL	UCL
ox-MWCNT	1 mg/L	ox-MWCNT	0 mg/L	-0.02132	0.01506	2.00146	0.95744	0.05	0	-0.07189	0.02926
ox-MWCNT	5 mg/L	ox-MWCNT	0 mg/L	-0.02969	1.51E-02	2.78794	0.71092	0.05	0	-0.08027	0.02088
ox-MWCNT	5 mg/L	ox-MWCNT	1 mg/L	-0.00838	1.51E-02	0.78649	0.99999	0.05	0	-0.05895	0.0422
ox-MWCNT	25 mg/L	ox-MWCNT	0 mg/L	-0.05065	0.01598	4.48367	8.26E-02	0.05	0.00E+00	-0.1043	0.00299
ox-MWCNT	25 mg/L	ox-MWCNT	1 mg/L	-0.02933	0.01598	2.59668	0.79359	0.05	0	-0.08298	0.02431
ox-MWCNT	25 mg/L	ox-MWCNT	5 mg/L	-0.02096	0.01598	1.85517	0.97544	0.05	0	-0.0746	0.03269
ox-MWCNT	50 mg/L	ox-MWCNT	0 mg/L	-0.05415	0.01993	3.8434	0.23534	0.05	0.00E+00	-0.12106	0.01275
ox-MWCNT	50 mg/L	ox-MWCNT	1 mg/L	-0.03284	0.01993	2.33044	0.88597	0.05	0.00E+00	-0.09974	0.03407
ox-MWCNT	50 mg/L	ox-MWCNT	5 mg/L	-0.02446	0.01993	1.73591	0.98525	0.05	0.00E+00	-0.09136	0.04245
ox-MWCNT	50 mg/L	ox-MWCNT	25 mg/L	-0.0035	0.02063	0.24004	1.00E+00	0.05	0	-0.07275	0.06575
ox-MWCNT	100 mg/L	ox-MWCNT	0 mg/L	-0.06168	0.01993	4.37756	0.09996	0.05	0	-0.12859	0.00523
ox-MWCNT	100 mg/L	ox-MWCNT	1 mg/L	-0.04036	0.01993	2.86461	0.67503	0.05	0	-0.10727	0.02654
ox-MWCNT	100 mg/L	ox-MWCNT	5 mg/L	-0.03199	0.01993	2.27008	0.90263	0.05	0	-0.09889	0.03492
ox-MWCNT	100 mg/L	ox-MWCNT	25 mg/L	-0.01103	0.02063	0.75609	0.99999	0.05	0	-0.08028	0.05823
ox-MWCNT	100 mg/L	ox-MWCNT	50 mg/L	-0.00753	0.02382	0.44692	1	0.05	0	-0.08749	0.07244
BP@MWCNT	0 mg/L	ox-MWCNT	0 mg/L	0.01719	0.01506	1.61363	0.9918	0.05	0	-0.03339	0.06776
BP@MWCNT	0 mg/L	ox-MWCNT	1 mg/L	0.0385	0.01506	3.61508	3.21E-01	0.05	0	-0.01207	0.08908
BP@MWCNT	0 mg/L	ox-MWCNT	5 mg/L	0.04688	0.01506	4.40157	0.09579	0.05	0	-0.00369	0.09746
BP@MWCNT	0 mg/L	ox-MWCNT	25 mg/L	0.06784	0.01598	6.00501	0.00297	0.05	1	0.0142	0.12148
BP@MWCNT	0 mg/L	ox-MWCNT	50 mg/L	0.07134	0.01993	5.06318	0.02628	0.05	1	0.00443	0.13825
BP@MWCNT	0 mg/L	ox-MWCNT	100 mg/L	0.07887	0.01993	5.59735	0.00797	0.05	1	0.01196	0.14577
BP@MWCNT	1 mg/L	ox-MWCNT	0 mg/L	0.02115	0.01506	1.98562	0.95975	0.05	0	-0.02943	0.07172
BP@MWCNT	1 mg/L	ox-MWCNT	1 mg/L	0.04247	0.01506	3.98707	0.19027	0.05	0	-0.00811	0.09304
BP@MWCNT	1 mg/L	ox-MWCNT	5 mg/L	0.05084	0.01506	4.77356	0.04758	0.05	1	2.67E-04	0.10142

BP@MWCNT	1 mg/L	ox-MWCNT	25 mg/L	0.0718	0.01598	6.35573	1.22E-03	0.05	1	0.01816	0.12545
BP@MWCNT	1 mg/L	ox-MWCNT	50 mg/L	0.0753	0.01993	5.34438	0.01423	0.05	1	0.0084	0.14221
BP@MWCNT	1 mg/L	ox-MWCNT	100 mg/L	0.08283	0.01993	5.87855	0.00406	0.05	1	0.01592	0.14973
BP@MWCNT	1 mg/L	BP@MWCNT	0 mg/L	0.00396	0.01506	0.37199	1	0.05	0	-0.04661	0.05454
BP@MWCNT	5 mg/L	ox-MWCNT	0 mg/L	0.0046	0.01506	0.43184	1	0.05	0	-0.04598	0.05518
BP@MWCNT	5 mg/L	ox-MWCNT	1 mg/L	0.02592	0.01506	2.4333	0.85384	0.05	0	-0.02466	0.07649
BP@MWCNT	5 mg/L	ox-MWCNT	5 mg/L	0.03429	0.01506	3.21978	0.50055	0.05	0	-0.01628	0.08487
BP@MWCNT	5 mg/L	ox-MWCNT	25 mg/L	0.05525	0.01598	4.89081	0.0376	0.05	1	0.00161	0.1089
BP@MWCNT	5 mg/L	ox-MWCNT	50 mg/L	0.05875	0.01993	4.16984	0.14242	0.05	0	-0.00815	0.12566
BP@MWCNT	5 mg/L	ox-MWCNT	100 mg/L	0.06628	0.01993	4.704	5.45E-02	0.05	0.00E+00	-6.26E-04	0.13318
BP@MWCNT	5 mg/L	BP@MWCNT	0 mg/L	-0.01259	0.01506	1.18179	0.99948	0.05	0	-0.06316	0.03799
BP@MWCNT	5 mg/L	BP@MWCNT	1 mg/L	-0.01655	0.01506	1.55378	0.99402	0.05	0	-0.06713	0.03403
BP@MWCNT	25 mg/L	ox-MWCNT	0 mg/L	0.06845	0.01506	6.42666	0.00101	0.05	1	0.01787	0.11903
BP@MWCNT	25 mg/L	ox-MWCNT	1 mg/L	0.08977	0.01506	8.42812	3.37E-06	0.05	1	0.03919	0.14034
BP@MWCNT	25 mg/L	ox-MWCNT	5 mg/L	0.09814	0.01506	9.2146	3.71E-07	0.05	1	0.04757	0.14872
BP@MWCNT	25 mg/L	ox-MWCNT	25 mg/L	0.1191	0.01598	10.54278	2.14E-08	0.05	1	0.06546	0.17275
BP@MWCNT	25 mg/L	ox-MWCNT	50 mg/L	0.1226	0.01993	8.7015	1.50E-06	0.05	1	0.0557	0.18951
BP@MWCNT	25 mg/L	ox-MWCNT	100 mg/L	0.13013	0.01993	9.23566	3.53E-07	0.05	1	0.06322	0.19704
BP@MWCNT	25 mg/L	BP@MWCNT	0 mg/L	0.05126	0.01506	4.81303	0.04399	0.05	1	6.88E-04	0.10184
BP@MWCNT	25 mg/L	BP@MWCNT	1 mg/L	0.0473	0.01506	4.44104	0.08926	0.05	0	-0.00327	0.09788
BP@MWCNT	25 mg/L	BP@MWCNT	5 mg/L	0.06385	0.01506	5.99482	3.05E-03	0.05	1	0.01328	0.11443
BP@MWCNT	50 mg/L	ox-MWCNT	0 mg/L	0.12129	0.01506	11.38806	1.32E-08	0.05	1	0.07072	0.17187
BP@MWCNT	50 mg/L	ox-MWCNT	1 mg/L	0.14261	0.01506	13.38951	2.82E-10	0.05	1	0.09204	0.19319
BP@MWCNT	50 mg/L	ox-MWCNT	5 mg/L	0.15099	0.01506	14.176	0	0.05	1	0.10041	0.20156
BP@MWCNT	50 mg/L	ox-MWCNT	25 mg/L	0.17195	0.01598	15.22043	0	0.05	1	0.1183	0.22559
BP@MWCNT	50 mg/L	ox-MWCNT	50 mg/L	0.17545	0.01993	12.45196	4.78E-09	0.05	1	0.10854	0.24235
BP@MWCNT	50 mg/L	ox-MWCNT	100 mg/L	0.18297	0.01993	12.98613	2.18E-09	0.05	1	0.11607	0.24988

BP@MWCNT	50 mg/L	BP@MWCNT	0 mg/L	0.10411	0.01506	9.77443	1.31E-07	0.05	1	0.05353	0.15468
BP@MWCNT	50 mg/L	BP@MWCNT	1 mg/L	0.10015	0.01506	9.40244	2.43E-07	0.05	1	0.04957	0.15072
BP@MWCNT	50 mg/L	BP@MWCNT	5 mg/L	0.11669	0.01506	10.95622	1.63E-08	0.05	1	0.06612	0.16727
BP@MWCNT	50 mg/L	BP@MWCNT	25 mg/L	0.05284	0.01506	4.9614	0.03253	0.05	1	0.00227	0.10342
BP@MWCNT	100 mg/L	ox-MWCNT	0 mg/L	0.07419	0.01993	5.26543	0.01697	0.05	1	0.00728	0.1411
BP@MWCNT	100 mg/L	ox-MWCNT	1 mg/L	0.09551	0.01993	6.77839	3.95E-04	0.05	1	0.0286	0.16241
BP@MWCNT	100 mg/L	ox-MWCNT	5 mg/L	0.10388	0.01993	7.37291	7.50E-05	0.05	1	0.03698	0.17079
BP@MWCNT	100 mg/L	ox-MWCNT	25 mg/L	0.12484	0.02063	8.55992	2.28E-06	0.05	1	0.05559	0.1941
BP@MWCNT	100 mg/L	ox-MWCNT	50 mg/L	0.12834	0.02382	7.62099	3.67E-05	0.05	1	0.04838	0.20831
BP@MWCNT	100 mg/L	ox-MWCNT	100 mg/L	0.13587	0.02382	8.06791	9.83E-06	0.05	1	0.0559	0.21584
BP@MWCNT	100 mg/L	BP@MWCNT	0 mg/L	0.057	0.01993	4.04564	0.1738	0.05	0	-0.0099	0.12391
BP@MWCNT	100 mg/L	BP@MWCNT	1 mg/L	0.05304	0.01993	3.76444	0.26295	0.05	0	-0.01386	0.11995
BP@MWCNT	100 mg/L	BP@MWCNT	5 mg/L	0.06959	0.01993	4.93899	0.03407	0.05	1	0.00268	0.1365
BP@MWCNT	100 mg/L	BP@MWCNT	25 mg/L	0.00574	0.01993	0.40733	1	0.05	0	-0.06117	0.07264
BP@MWCNT	100 mg/L	BP@MWCNT	50 mg/L	-0.0471	0.01993	3.34314	0.44105	0.05	0	-0.11401	0.0198

Sig equals 1 indicates that the difference of the means is significant at the 0.05 level.

Sig equals 0 indicates that the difference of the means is NOT significant at the 0.05 level.

Statistic table from Figure 7 data (pag. 34 from manuscript)

Figure 7. (A) Dose response curve of Cu(II) following co-exposure with oxidized multiwalled carbon nanotube (ox-MWCNT) and corona-coated with bovine plasma (BP@MWCNT) at 1.0 mg L⁻¹ of both materials. (B) EC₅₀ values calculated from the curves. Different letters indicate significative differences between treatments (One-Way ANOVA) in post hoc Tukey tests (P<0.05)

Normality test (Kolmogorov_Smirnov)

	DF	Statistic	p-value	Decision at level(5%)
Cu(II)	3	0.17468	1	Can't reject normality
Cu(II) + ox-MWCNT	3	0.17468	1	Can't reject normality
Cu(II) + BP@MWCNT	3	1.75E-01	1.00E+00	Can't reject normality

Please refer to the “Decision at level” column for conclusion.

Homogeneity of Variance test (Brown-Forsythe test)

	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	2	1.16E-05	5.78E-06	0.1247	0.88499
Error	6	2.78E-04	4.63E-05		

At the 0.05 level, the population variances are not significantly different

One-way ANOVA: Tukey post hoc test

Material	Material	Mean Diff	SEM	q Value	Prob	Alpha	Sig	LCL	UCL
Cu(II)	Cu(II) + ox-MWCNT	9.6	0.00963	1410.342	0	0.05	1	9.57046	9.62954
Cu(II)	Cu(II) + BP@MWCNT	15.7	0.00963	2306.497	0	0.05	1	15.67046	15.72954
Cu(II) + BP@MWCNT	Cu(II) + ox-MWCNT	6.1	0.00963	896.1549	0	0.05	1	6.07046	6.12954

Sig equals 1 indicates that the difference of the means is significant at the 0.05 level.

Sig equals 0 indicates that the difference of the means is NOT significant at the 0.05 level.