

Table S1: Animal grouping and treatment

Groups	Supplemental materials	Dose	Route of administration	Period
Group(A) – Cd	Cadmium chloride	1.5 mg/kg bw	Intraperitoneally (i.p)	7days (acute phase) for treatment 1 and another 7days(Chronic phase) for treatment 2
Group(B) - Ni	Nicotine	0.4 mg/kg bw	Sub-cutaneously (SC)	
Group(C) – Cd + Ni	Cadmium chloride and Nicotine	1.5 mg/kg bw + 0.4 mg/kg bw	i.p and SC, respectively	
Group(D) - Control	Normal saline	10 ml/kg bw	Intraperitoneally (i.p)	