Parameter	Control	5 mg/kg $HgCl_2$	3.0 mg/kg PCB	5 mg/kg $HgCl_2$ + PCB			$F_{5,35}$
				0.75 mg/kg	1.5 mg/kg	3.0 mg/kg	
Kidney relative weight (g of kidney/100 g)	1.129 ± 0.08885	2.255 ± 0.3343*	1.183 ± 0.04620	1.318 ± 0.1178	1.080 ± 0.1151	1.362 ± 0.0799	7.238
Blood urea nitrogen (BUN, mg/dL)	55.85 ± 4.657	91.45 ± 6.784*	57.55 ± 4.526	52.67 ± 6.274	54.07 ± 3.355	51.45 ± 6.468	7.711
Creatinine (mg/dL)	0.1333 ± 0.04714	0.9037 ± 0.2076*	0.2000 ± 0.03443	0.2000 ± 0.08165	0.08333 ± 0.01667	0.08889 ± 0.0222	10.832
O.D nephrin/O.D β-actine (ratio normalized)	0.9325 ± 0.007077	0.8403 ± 0.01641*	0.9830 ± 0.009891	0.8270 ± 0.009755*	0.9488 ± 0.01617*	0.9398 ± 0.02237*,**	38.025
O.D podocin/O.D β-actine (ratio normalized)	0.9293 ± 0.03854	0.7698 ± 0.009295*	0.9795 ± 0.01762	0.8018 ± 0.01038*,**	0.8793 ± 0.009860*,**	0.8620 ± 0.02601*,**	36.285
Lipid peroxidation (URF/mg protein)	0.2634 ± 0.01890	0.9858 ± 0.1889*	0.3180 ± 0.06578	0.3712 ± 0.05924	0.3396 ± 0.04903	0.4783 ± 0.04478	9.019
ROS quantification (ng of DCF formed/mg protein/h)	179.6 ± 17.92	472.7 ± 63.14*	275.3 ± 19.45	152.6 ± 15.13	213.7 ± 54.99	114.7 ± 7.652	16.977
Nitrite quantification (ug NO_2/mg protein)	4.122 ± 0.3542	6.937 ± 0.2829*	4.238 ± 0.4835	4.805 ± 0.3580	4.964 ± 0.4897	5.455 ± 0.3791	7.593
GSH content (µg of GSH/ mg protein)	5.935 ± 0.6363	5.314 ± 0.5596	3.646 ± 0.2540*	3.224 ± 0.3874*	3.402 ± 0.3200*	4.060 ± 0.5697*	3.799
GSSG content (µg of GSSG/ mg protein	0.1262 ± 0.008748	0.3405 ± 0.7813*	0.08383 ± 0.01033	0.08740 ± 0.007487	0.09720 ± 0.004306	0.1339 ± 0.01430	11.056
GSH^2/GSSG ratio	345.0 ± 64.95	79.69 ± 16.77*	240.9 ± 47.74	134.6 ± 37.12*	135.2 ± 20.23*	228.8 ± 41.15	11.056
Catalasa activity (k/ µg protein)	0.03746 ± 0.005281	0.01681 ± 0.001553*	0.03023 ± 0.007812	0.03414 ± 0.003639	0.02848 ± 0.002818	0.03408 ± 0.004193	3.620
GPX activit (µgGSH consumed/ mg protein/min)	322.2 ± 61.19	99.60 ± 4.732*	285.1 ± 42.42	296.1 ± 47.36	293.7 ± 16.48	299.5 ± 54.12	3.523
GR activity (nmols of NADPH consumed/mg protein/min)	0.4405 ± 0.06994	0.2050 ± 0.003821*	0.4666 ± 0.1101	0.2838 ± 0.02500	0.2838 ± 0.01883	0.4171 ± 0.03711	3.581
Caspase-3 activity (pmols of pNA formed/mg protein/h)	75.62 ± 19.35	313.6 ± 60.79*	94.45 ± 21.73	233.0 ± 39.46*	220.4 ± 46.28*	127.5 ± 29.48	4.870
Caspase-9 activity (pmols of pNA formed/mg protein/h)	161.3 ± 25.98	303.1 ± 48.89*	55.76 ± 16.79	89.50 ± 16.77	217.3 ± 36.78	83.78 ± 34.24	5.824

Supplementary data S1. The data represent the mean ± SE. One-way ANOVA and Student-Newman-Keuls post hoc.
* $p < 0.05$ Vs control
** $P < 0.05$ Vs $HgCl_2$