Table S1. The effects of $CdCl_2$ and/or CA on serum biochemical parameters in mice.

Treatments / Parameters	Vehicle	CA (4 mg/kg)	$CdCl_2$ (4 mg/kg)	CA (4 mg/kg) + $CdCl_2$ (4 mg/kg)
Serum Cd (ppm)	0.03 ± 0.0002	0.007 ± 0.0001	14.23 ± 1.79#	11.95 ± 1.33
Total cholesterol (mg/dl)	80.33 ± 8.14	78.67 ± 6.28	135.50 ± 14.02#	117.87 ± 12.12*
HDL-cholesterol (mg/dl)	32.14 ± 3.13	31.08 ± 2.78	20.24 ± 2.13#	25.18 ± 2.45*
Triglycerides (mg/dl)	89.15 ± 7.45	90.37 ± 8.22	122.45 ± 12.08#	105.47 ± 10.12*
Urea (mg/dl)	18.17 ± 1.84	18.02 ± 1.33	33.27 ± 3.21#	25.12 ± 2.19**
Uric acid (mg/dl)	2.35 ± 0.21	2.18 ± 0.25	3.79 ± 0.31#	2.92 ± 0.33**
Creatinine (mg/dl)	0.42 ± 0.04	0.39 ± 0.04	0.65 ± 0.05#	0.57 ± 0.04*

Data were represented as the mean ± SD (n = 6). #Values significantly ($p < 0.01$) differ from vehcle-treated group. *Values significantly ($p < 0.05$) differ from only $CdCl_2$-treated group. **Values significantly ($p < 0.01$) differ from only $CdCl_2$-treated group.

Table S2. The effects of $CdCl_2$ and/or CA on kidney mass, Cd accumulation, Cd clearance, and renal function related urine parameters in mice.

Treatments / Parameters	Vehicle	CA (4 mg/kg)	$CdCl_2$ (4 mg/kg)	CA (4 mg/kg) + $CdCl_2$ (4 mg/kg)
Kidney mass (mg)	41.45 ± 3.82	42.33 ± 4.02	55.17 ± 5.54#	47.12 ± 4.23*
Kidney mass/body mass (x 10^3)	15.28 ± 1.48	13.94 ± 1.24	20.33 ± 2.17#	17.89 ± 1.31*
Cd burden in kidney (ppm of wet tissue)	0.02 ± 0.0003	0.01 ± 0.0004	16.76 ± 1.97#	14.98 ± 1.12*
Urinary Cd (ppm)	ND`	ND	0.76 ± 0.22#	10.22 ± 1.54**
Urinary creatinine (mg/dl)	60.39 ± 5.87	58.18 ± 6.12	43.56 ± 4.51#	51.56 ± 5.08*
Urinary albumin (mg/dl)	2.74 ± 0.28	2.77 ± 0.24	5.48 ± 0.52#	4.67 ± 0.45**

Data were represented as the mean ± SD (n = 6). #Values significantly ($p < 0.01$) differ from vehcle-treated group. *Values significantly ($p < 0.05$) differ from only $CdCl_2$-treated group. **Values significantly ($p < 0.01$) differ from only $CdCl_2$-treated group.