Table 1

Cd and Zn accumulation by liver slices of WI and F344 rats

Time	Cd accumulation (μg/g)				Zn accumulation (μg/g)			
	Cd 100 μM		Cd 250 μM		Zn 250 μM		Zn 500 μM	
	WI	F344	WI	F344	WI	F344	WI	F344
0	ND	ND	ND	ND	20.2 ± 1.7*	9.0 ± 5.0	17.6 ± 0.3*	8.1 ± 0.7
30	45.4 ± 5.8*	75.2 ± 17.1	88.2 ± 11.5*	126.0 ± 7.1	42.2 ± 2.8	54.6 ± 9.1	69.1 ± 4.3*	82.6 ± 4.5
60	65.6 ± 6.5*	101.0 ± 8.9	104.0 ± 1.9*	193.6 ± 8.8	52.3 ± 3.2	71.4 ± 12.2	81.2 ± 9.8	96.8 ± 7.8
90	93.6 ± 17.8	118.0 ± 5.7	176.9 ± 22.7*	232.8 ± 17.5	72.5 ± 4.3	82.2 ± 4.4	87.8 ± 9.0	102.7 ± 11.7
120	98.6 ± 38.0	170.5 ± 9.9	235.4 ± 18.6*	322.4 ± 33.4	91.7 ± 12.2	112.6 ± 20.0	111.8 ± 17.9*	149.0 ± 4.1

Liver slices were incubated with Cd (100 and 250 μM) or Zn (250 and 500 μM) for up to 120 min.

Data represent the mean ± SEM (n = 3-6 pieces of liver slices at each point) and the asterisk indicates a significant difference from the corresponding F344 rats ($p < 0.05$). ND, not detected.