

Supplemental Table 1. Accumulation of Mn²⁺, Cu²⁺, and Fe²⁺ in multiple brain regions in wildtype and NOS2^{-/-} mice exposed to Mn.

Metal	Mouse	Treatment (MnCl ₂)	SNpr	Cortex	Hypothalamus
Mn²⁺	C57Bl/6	0 mg/kg	0.30±0.06	0.32±0.07	0.35±0.04
		50 mg/kg	1.14±0.08*	0.53±0.012	0.89±0.15*
	NOS2 ^{-/-}	0 mg/kg	0.26±0.13	0.19±0.01	0.21±0.008
		50mg/kg	0.74±0.15*	0.77±0.01*	0.65±0.035*
Cu²⁺	C57Bl/6	0 mg/kg	1.32±0.21	1.44±0.04	1.26±0.04
		50mg/kg	2.09±0.23	1.57±0.008	1.80±0.30
	NOS2 ^{-/-}	0 mg/kg	0.88±0.15	1.49±0.07	1.11±0.08
		50mg/kg	1.65±0.18	1.34±0.01	1.51±0.04
Fe²⁺	C57Bl/6	0 mg/kg	7.27±2.72	7.06±0.36	6.13±0.56
		50 mg/kg	11.9±4.39	8.38±0.69	9.52±1.16
	NOS2 ^{-/-}	0 mg/kg	11.0±2.17	6.95±0.29	6.44±0.27
		50mg/kg	12.1±0.85	6.80±0.06	6.89±0.04

Data shown are mean ± SEM (n = 3-4). **p*<0.05 (Significance within genotypes was calculated using one-way ANOVA followed by the Tukey-Kramer multiple comparison *post hoc* test.)