

Supplemental Table 1. ^{64}Cu Biodistribution (%ID/g \pm SD) 30 min after tracer injection

	TBI	Sham + zymosan	Normal	TBI + minocycline
Liver	23.15 \pm 6.19	15.2 \pm 4.21	17.08 \pm 1.64	17.10 \pm 0.90
Heart	3.74 \pm 2.10	2.4 \pm 0.61	3.00 \pm 0.51	2.80 \pm 0.35
Muscle	0.80 \pm 0.30	0.5 \pm 0.17	1.06 \pm 0.11	0.67 \pm 0.08
Wound	3.20 \pm 0.56	3.0 \pm 1.43	0.41 \pm 0.21 [#]	3.36 \pm 0.68
Injured cortex	0.91 \pm 0.26	0.5 \pm 0.09*	0.48 \pm 0.14*	0.97 \pm 0.17
Contralateral cortex	0.60 \pm 0.25	0.4 \pm 0.20	0.48 \pm 0.20	0.62 \pm 0.24
Ipsilateral hippocampus	0.59 \pm 0.20	0.4 \pm 0.12	0.39 \pm 0.14	0.67 \pm 0.38
Contralateral hippocampus	0.46 \pm 0.08	0.4 \pm 0.17	0.42 \pm 0.16	0.60 \pm 0.25
Ipsilateral thalamus	0.78 \pm 0.25	0.6 \pm 0.22	0.58 \pm 0.11	0.72 \pm 0.31
Contralateral thalamus	0.68 \pm 0.17	0.6 \pm 0.24	0.70 \pm 0.15	0.76 \pm 0.19
Cerebellum	0.92 \pm 0.79	0.7 \pm 0.25	0.87 \pm 0.17	0.83 \pm 0.34

Supplemental Table 2. ^{64}Cu Biodistribution (%ID/g \pm SD) 2 h after tracer injection

	TBI	Sham + zymosan	Normal	TBI + minocycline
Liver	22.53 \pm 4.31	15.06 \pm 6.46	18.54 \pm 2.38	18.27 \pm 3.80
Heart	2.40 \pm 0.49	2.41 \pm 0.91	2.80 \pm 0.66	2.96 \pm 1.08
Muscle	0.60 \pm 0.22	0.37 \pm 0.14	0.86 \pm 0.09	0.60 \pm 0.16
Craniotomy wound	3.31 \pm 0.80	2.48 \pm 1.93	0.62 \pm 0.15	3.75 \pm 1.08
Injured cortex	0.91 \pm 0.43	0.48 \pm 0.19*	0.48 \pm 0.11*	0.96 \pm 0.43
Contralateral cortex	0.40 \pm 0.14	0.34 \pm 0.11	0.38 \pm 0.09	0.50 \pm 0.21
Ipsilateral hippocampus	0.59 \pm 0.21	0.44 \pm 0.18	0.43 \pm 0.09	0.62 \pm 0.33
Contralateral hippocampus	0.45 \pm 0.17	0.36 \pm 0.11	0.31 \pm 0.05	0.39 \pm 0.17
Ipsilateral thalamus	0.75 \pm 0.25	0.58 \pm 0.22	0.65 \pm 0.18	0.77 \pm 0.33
Contralateral thalamus	0.76 \pm 0.26	0.54 \pm 0.20	0.75 \pm 0.11	0.70 \pm 0.24
Cerebellum	0.64 \pm 0.32	0.56 \pm 0.25	0.70 \pm 0.18	0.67 \pm 0.23

Supplemental Table 3. ^{64}Cu Biodistribution (%ID/g \pm SD) 24 hr after tracer injection

	TBI	Sham + zymosan	Normal	TBI + minocycline
Liver	13.11 \pm 3.31	10.6 \pm 1.63	9.58 \pm 1.18	10.73 \pm 3.55
Heart	2.69 \pm 0.49	2.3 \pm 0.37	2.60 \pm 0.43	2.35 \pm 0.81
Muscle	0.49 \pm 0.10	0.4 \pm 0.13	0.66 \pm 0.13	0.49 \pm 0.16
Wound	2.86 \pm 1.16	1.6 \pm 1.14	0.46 \pm 0.21	2.35 \pm 0.73
Injured cortex	1.15 \pm 0.53	0.6 \pm 0.22*	0.53 \pm 0.07*	0.93 \pm 0.30
Contralateral cortex	0.51 \pm 0.12	0.4 \pm 0.15	0.50 \pm 0.09	0.50 \pm 0.11
Ipsilateral hippocampus	0.68 \pm 0.20	0.6 \pm 0.30	0.58 \pm 0.07	0.64 \pm 0.27
Contralateral hippocampus	0.54 \pm 0.12	0.5 \pm 0.11	0.50 \pm 0.06	0.57 \pm 0.17
Ipsilateral thalamus	0.83 \pm 0.11	0.7 \pm 0.19	0.82 \pm 0.17	0.71 \pm 0.30
Contralateral thalamus	0.78 \pm 0.15	0.6 \pm 0.16	0.68 \pm 0.12	0.71 \pm 0.29
Cerebellum	0.68 \pm 0.16	0.6 \pm 0.10	0.63 \pm 0.19	0.61 \pm 0.23

Sham + zymosan A, intracortical injection of zymosan A after scalp incision and drilling of hole in cranium; TBI + minocycline, TBI treated with minocycline; [#]Uninjured scalp tissue in mice without TBI; *Uninjured cortex in mice without TBI, corresponding to region of injured cortex in brains of TBI mice.