Table S1. Density of GLT-1a gold particles in control and ceftriaxone-treated rats

Localization	**Controls** (particles/µm^2)	**CEF** (particles/µm^2)	**Controls vs CEF**
Nucleus (background)°	0.6 ± 0.05 (n=12)	0.7 ± 0.02 (n=14)	
MF terminals*	6.9 ± 0.96 (n=19)	9.7 ± 0.89 (n=20)	*P*=0.04
Plasma membrane§	22.2 ± 3.27	40.8 ± 7.30	*P*=0.026
Cytoplasm	6.2 ± 0.82	10.8 ± 1.55	*P*=0.014
Astrocytic processes+	23.0 ± 3.68 (n=38)	54.0 ± 9.39 (n=37)	*P*=0.005
Plasma membrane§	65.0 ± 8.10	105.2 ± 15.44	*P*=0.022
Cytoplasm	10.7 ± 1.39	24.7 ± 6.59	*P*=0.038

Density values are mean ± SEM; n=number of profiles. Statistical analysis performed using two sided t-test. °In control and CEF-treated rats, the density of gold particles in MF terminals and astrocytic profiles was significantly higher than background (*P*<0.0001). *In MF terminals of both control and treated rats, the density of membrane-associated particles was significantly higher than that of cytoplasmic particles (controls: *P*<0.0001; CEF: *P*=0.0003). +In astrocytic processes of both control and treated rats, the density of membrane-associated particles was significantly higher than that of cytoplasmic particles (*P*<0.0001). §In both control and treated rats, the density of astrocytic membrane-associated particles was significantly higher than that of MF terminals membrane-associated particles (controls: *P*=0.0006; CEF: *P*=0.005).