Supplemental Data

Table 1S – Two-tail T-test analysis for Figure 2B

Comparison		P value	
PBS	0.05 ng/ml IL-6	0.367	ns
PBS	0.5 ng/ml IL-6	0.319	ns
PBS	5 ng/ml IL-6	0.462	ns
DMSO	10 nM HU-210	0.528	ns
DMSO	100 nM HU-210	0.054	ns
DMSO	1 uM HU-210	0.000	***
0.5 ng/ml IL-6	0.5 ng/ml IL-6 + 10 nM HU-210	0.145	ns
0.5 ng/ml IL-6	0.5 ng/ml IL-6 + 100 nM HU-210	0.000	***
0.5 ng/ml IL-6	0.5 ng/ml IL-6 + 1 uM HU-210	0.000	***
1 uM HU-210	1 uM HU-210 + 0.05 ng/ml IL-6	0.089	ns
1 uM HU-210	1 uM HU-210 + 0.5 ng/ml IL-6	0.000	***
1 uM HU-210	1 uM HU-210 + 5 ng/ml IL-6	0.443	ns
100 nM HU-210	0.5 ng/ml IL-6 + 100 nM HU-210	0.033	*
1 uM HU-210	0.5 ng/ml IL-6 + 100 nM HU-210	0.109	ns

ns, not significant; *, $P < 0.05$; **, $P < 0.005$; ***, $P < 0.0005$

Table 2S – Wilcoxon Mann-Whitney Test for cortical neurite length distributions

Comparison		P value	
PBS	5 ng/ml IL-6	0.479	ns
DMSO	100 nM HU-210	0.001	**
PBS + DMSO	5 ng/ml IL-6 + 100 nM HU-210	0.000	***
5 ng/ml IL-6	5 ng/ml IL-6 + 100 nM HU-210	0.000	***
100 nM HU-210	5 ng/ml IL-6 + 100 nM HU-210	0.018	*

ns, not significant; *, $P < 0.05$; **, $P < 0.005$; ***, $P < 0.0005$