**Supplement Table 1. Results for repeated-measures analysis of variance for MWT contralaterally.**

| | | Effect for Group | Effect for Sex | Effect for Group*Sex |
|---|---|---|---|---|
| P2X7 | Prior | $F_{3,40}<0.01$; $p>0.99$ | $F_{1,40}=370.42$; $p<0.01$* | $F_{3,40}=1.04$; $p=0.38$ |
| | 24hr | $F_{1,28}=3.40$; $p=0.07$ | $F_{1,28}=288.73$; $p<0.01$* | $F_{1,28}=0.67$; $p=0.41$ |
| | 1week | $F_{1,12}=0.36$; $p=0.56$ | $F_{1,12}=277.35$; $p<0.01$* | $F_{1,12}=2.39$; $p=0.14$ |
| NLRP3 | Prior | $F_{3,40}=1.69$; $p=0.18$ | $F_{1,40}=1,944.37$; $p<0.01$* | $F_{3,40}=0.76$; $p=0.52$ |
| | 24hr | $F_{1,28}=0.01$; $p=0.91$ | $F_{1,28}=565.96$; $p<0.01$* | $F_{1,28}<0.01$; $p=0.97$ |
| | 1week | $F_{1,12}=1.47$; $p=0.24$ | $F_{1,12}=235.29$; $p<0.01$* | $F_{1,12}=0.60$; $p=0.45$ |
| Caspase-1 | Prior | $F_{3,40}=0.34$; $p=0.79$ | $F_{1,40}=556.98$; $p<0.01$* | $F_{3,40}=0.88$; $p=0.45$ |
| | 24hr | $F_{1,28}=0.04$; $p=0.84$ | $F_{1,28}=788.79$; $p<0.01$* | $F_{1,28}=3.02$; $p=0.09$ |
| | 1week | $F_{1,12}=0.83$; $p=0.37$ | $F_{1,12}=409.78$; $p<0.01$* | $F_{1,12}=0.01$; $p=0.92$ |
| IL-1β | Prior | $F_{1,22}=26.34$; $p<0.01$* | $F_{1,22}=649.87$; $p<0.01$* | $F_{1,22}=22.58$; $p<0.01$* |
| | 24hr | $F_{1,28}=4.50$; $p=0.04$* | $F_{1,28}=10.01$; $p<0.01$* | $F_{1,28}=1.81$; $p=0.18$ |
| | 1week | $F_{1,12}=0.15$; $p=0.70$ | $F_{1,12}=146.10$; $p<0.01$* | $F_{1,12}=0.71$; $p=0.41$ |

*, $p<0.05$ with a repeated measures ANOVA.

**Supplement Table 2. Results for repeated-measures analysis of variance for cytokine expression of LPS-primed macrophages.**

| | Effect for Group | Effect for Sex | Effect for Group*Sex |
|---|---|---|---|
| IL-6 protein | $F_{4,56}=30.38$; $p<0.01$* | $F_{1,14}<0.01$; $p=0.96$ | $F_{4,56}=0.26$; $p=0.90$ |
| IL-10 protein | $F_{4,56}=16.29$; $p<0.01$* | $F_{1,14}=3.49$; $p=0.08$ | $F_{4,56}=2.27$; $p=0.07$ |
| GM-CSF protein | $F_{4,56}=17.83$; $p<0.01$* | $F_{1,14}=0.31$; $p=0.58$ | $F_{4,56}=0.14$; $p=0.96$ |
| IFN-γ protein | $F_{4,56}=5.55$; $p<0.01$* | $F_{1,14}=3.75$; $p=0.07$ | $F_{4,56}=1.04$; $p=0.39$ |
| IL-12p70 protein | $F_{4,56}=2.27$; $p=0.07$ | $F_{1,14}=3.31$; $p=0.09$ | $F_{4,56}=0.28$; $p=0.88$ |
| IL-13 protein | $F_{4,56}=2.12$; $p=0.08$ | $F_{1,14}=3.37$; $p=0.08$ | $F_{4,56}=0.32$; $p=0.86$ |
| IL-18 protein | $F_{4,56}=2.96$; $p=0.02$* | $F_{1,14}=2.43$; $p=0.14$ | $F_{4,56}=0.36$; $p=0.83$ |
| IL-2 protein | $F_{4,56}=3.53$; $p=0.01$* | $F_{1,14}=0.41$; $p=0.52$ | $F_{4,56}=0.19$; $p=0.93$ |
| IL-4 protein | $F_{4,56}=4.96$; $p<0.01$* | $F_{1,14}=0.32$; $p=0.57$ | $F_{4,56}=0.22$; $p=0.92$ |
| IL-5 protein | $F_{4,56}=7.18$; $p<0.01$* | $F_{1,14}=3.78$; $p=0.07$ | $F_{4,56}=0.27$; $p=0.89$ |
| TNF-α protein | $F_{4,56}=29.62$; $p<0.01$* | $F_{1,14}=0.48$; $p=0.49$ | $F_{4,56}=0.39$; $p=0.80$ |

*, $p<0.05$ with a repeated measures ANOVA.