Supplementary Material

## Supplementary Figures

Background pattern

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**Figure S1 Additional serum cytokines measured in the multiplex assay.** Serum collected from mice containing skeletal muscle specific conditional knockouts of TLR4 (TLR4SMKO, n = 23), IL-6 (IL6SMKO, n = 13), CCL2 (CCL2SMKO, n = 11), or littermate controls (WT, n = 39) was measured for concentrations of the indicated cytokines 3 hours after IV LPS. Data were compared using a one-way ANOVA with Dunnett’s multiple comparison test. p<0.05 \*, p<0.01 \*\*, p<0.001 \*\*\*, p< 0.0001 \*\*\*\*.

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**Figure S2** **Evaluating the effect of sex on systemic cytokine levels.** Data from Figure 3 has been segregated by sex and evaluated using a two-way ANOVA with Sidak multiple comparisons p<0.05 \*, p<0.01 \*\*.