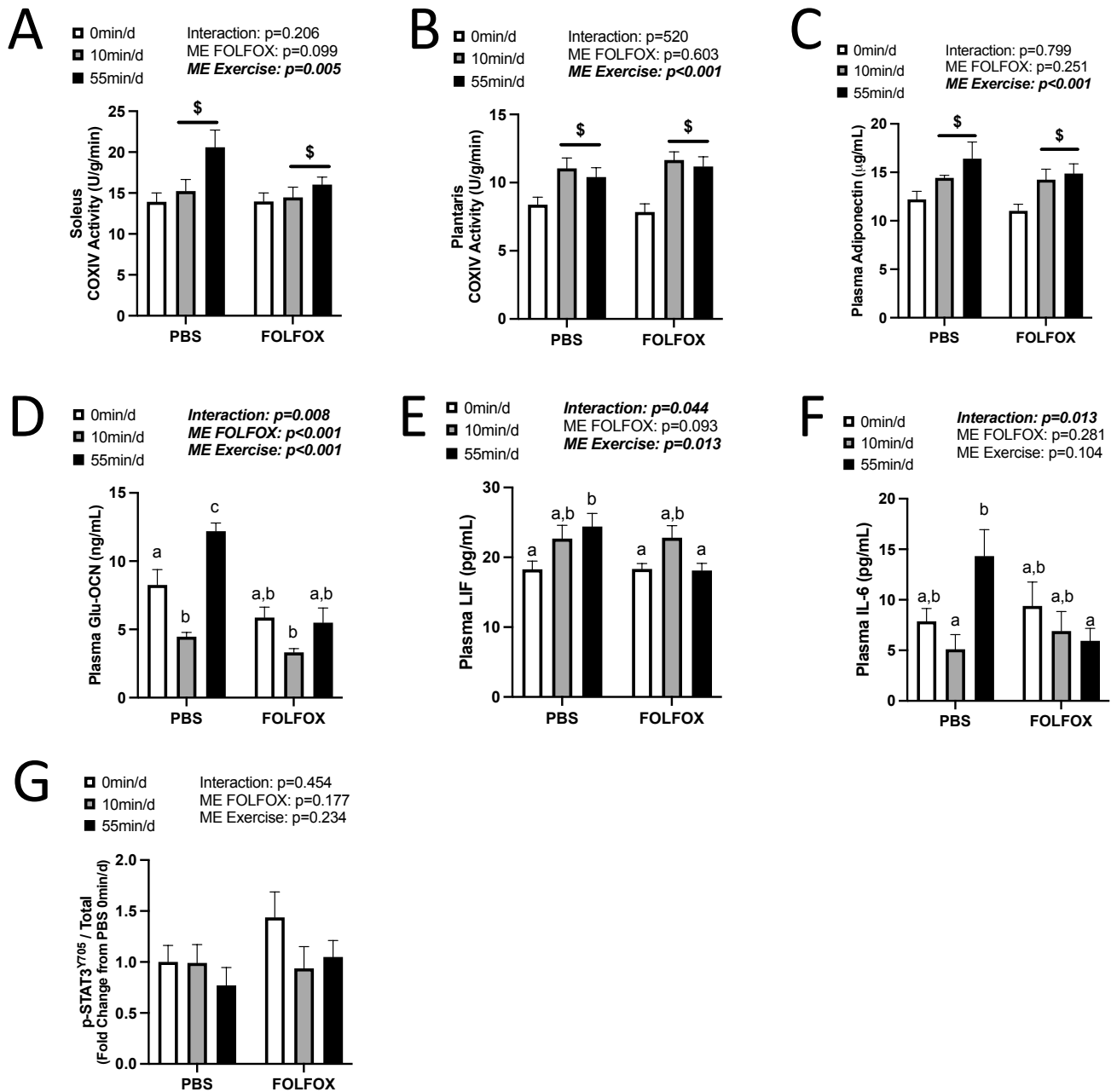
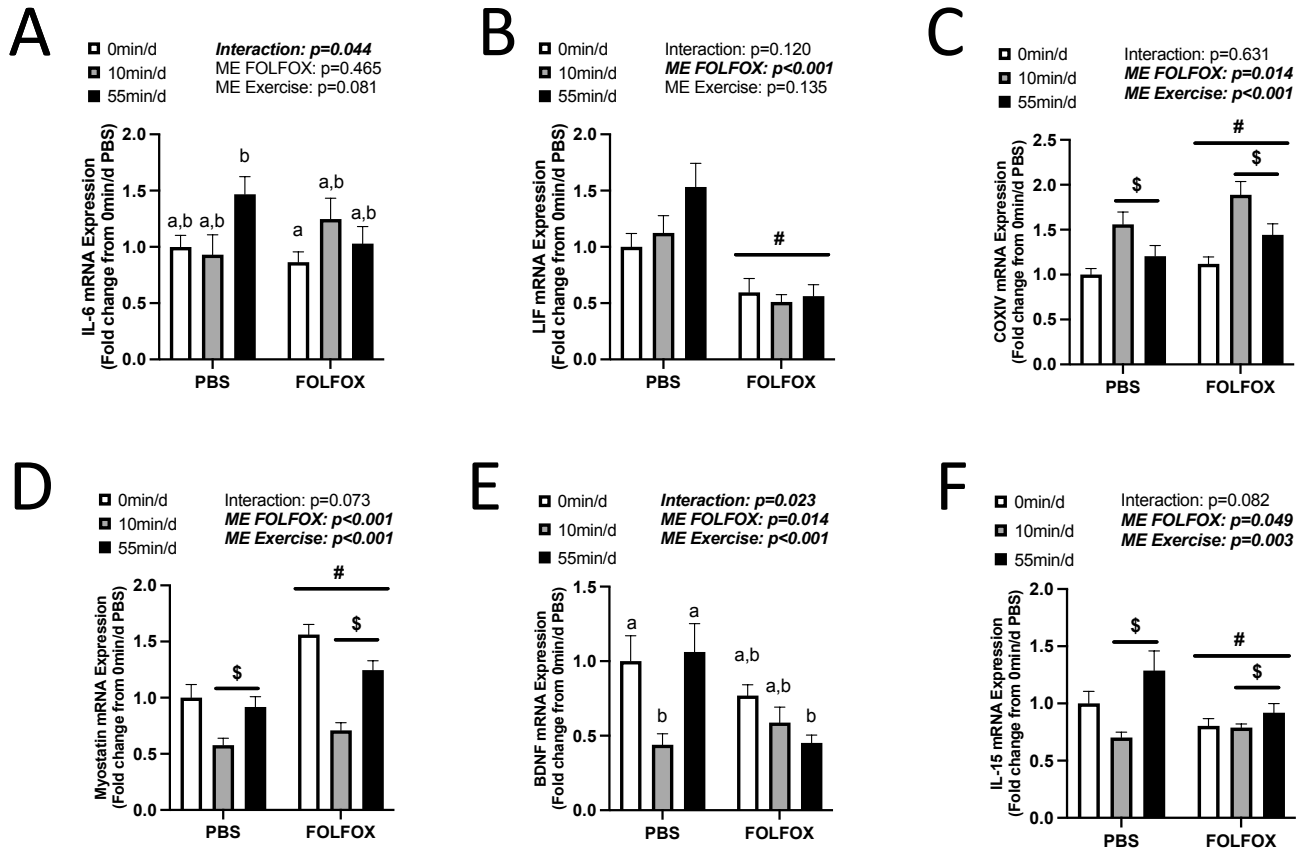


Supplemental Figure 1



Legend: 2X3 ANOVA analyses of skeletal muscle and systemic adaptations to 14 sessions of short- (10min/d) and long-duration (55min/d) treadmill exercise in PBS and FOLFOX chemotherapy treated mice. A) soleus muscle and B) plantaris muscle COXIV enzyme activity. Fasting plasma C) adiponectin, D) uncarboxylated osteocalcin (Glu-OCN), E) Leukemia inhibitory factor (LIF), and F) Interleukin 6 (IL-6). G) Red gastrocnemius muscle signal transducer and activator of transcription 3 (STAT3) phosphorylated to total protein expression. PBS 0min/d: N=12-13, 10min/d: N=9, and 55min/d: N=5-10; FOLFOX 0min/d: N=9-12, 10min/d: N=9-10, and 55min/d: N=10. Data is presented as mean \pm SEM and analyzed using 2X3 ANOVA. Post hoc analyses were performed for significant interactions. Statistical significance is set to $p<0.05$. Bold and italic text denotes significance. \$ main effect (ME) of exercise. Different lowercase letters (a,b,c...) denote significant difference between groups.

Supplemental Figure 2



Legend: 2X3 ANOVA analyses of skeletal muscle myokine and metabolic gene expression following 14 sessions of short- (10min/d) and long-duration (55min/d) treadmill exercise training in PBS and FOLFOX chemotherapy treated mice. Red gastrocnemius gene expression of A) IL-6, B) LIF, C) COXIV, D) myostatin, E) BDNF, and F) IL-15. PBS 0min/d: N=12-13, 10min/d: N=9, and 55min/d: N=10; FOLFOX 0min/d: N=9-12, 10min/d: N=9-10, and 55min/d: N=10. Data is presented as mean \pm SEM and analyzed using 2X3 ANOVA. Post hoc analyses were performed for significant interactions. Statistical significance is set to $p<0.05$. Bold and italic text denotes significance. \$ main effect (ME) of exercise; # ME of FOLFOX. Different lowercase letters (a,b,c,...) denote significant difference between groups.