Figure 8A: Fear Conditioning - OVX				
Analysis: 2-way ANOVA	**% of total variation**	**F (DFn, DFd)**	**P value**	**Summary**
Interaction	1.205	F (1, 42) = 0.5338	0.4691	ns
OVX	3.483	F (1, 42) = 1.543	0.2211	ns
LPS	0.1424	F (1, 42) = 0.06308	0.8029	ns

Figure 8B: Hippocampal *Il1b* mRNA - OVX				
Analysis: 2-way ANOVA	**% of total variation**	**F (DFn, DFd)**	**P value**	**Summary**
Interaction	4.948	F (1, 16) = 1.263	0.2777	ns
OVX	13.95	F (1, 16) = 3.561	0.0774	ns
LPS	13.61	F (1, 16) = 3.474	0.0808	ns

Figure 8C: Microglia *Il1b* mRNA - OVX				
Analysis: 2-way ANOVA	**% of total variation**	**F (DFn, DFd)**	**P value**	**Summary**
Interaction	1.245	F (3, 20) = 0.7365	0.5425	ns
OVX	0.4917	F (1, 20) = 0.8729	0.3613	ns
LPS	83.33	F (3, 20) = 49.31	<0.0001	****