**Figure 2**

A

![Graph showing ERα expression levels with error bars. The x-axis represents different treatments: no E2/saline, E2/saline, no E2/CFA, E2/CFA. The y-axis represents the ratio of ERα/β-actin. The graph indicates significant differences with asterisks.]

B

![Western blot images for ERα and β-actin under TMJ saline injection and TMJ CFA injection conditions.](image1)

C

![Western blot images for ERα and β-actin under TMJ saline injection and TMJ CFA injection conditions.](image2)