**A**

Bar graph showing cell viability percentages. The x-axis represents different conditions: CTRL, NELA, CTRL + NELA, NELA + AMD3100. The y-axis represents the percentage of cell viability. The graph indicates a significant difference (*p* < 0.01) between the conditions without and with HS5.

**B**

Western blot analysis showing protein expression levels. Samples 1-4 correspond to the following conditions:

1: CTRL NO HS-5
2: CTRL + HS-5
3: NELA + HS-5
4: NELA + HS-5 + AMD3100

Proteins analyzed include p-ERK1/2, ERK, p-CXCR4(Ser339), CXCR4, and β-ACTIN. The molecular weights of the proteins are indicated: p-ERK1/2 and ERK at 42.44 kDa, p-CXCR4(Ser339) at 40 kDa, CXCR4 and β-ACTIN at 40 kDa and 45 kDa respectively.