Figure 4

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A. Western blot analysis of IGF-IR, ERα, cl PARP, and MAPK expression in SX-13 and NEO cell lines after treatment with E2, 4-OHT, MIF, and E2 + 4-OHT + MIF for 120h.

B. Graph showing cell number x10^5 after treatment with E2 ablation, E2, and E2 + IGF-1 in SX-13 and NEO cell lines with 1% and 5% FBS.

C. Graph showing cell number x10^5 after treatment with E2, E2 + 4-OHT, E2 + MIF, and E2 + 4-OHT + MIF in the presence of IGF-1 and PD 98059.

D. Graph showing % Trypan Blue positive cells after treatment with E2, E2 + 4-OHT, E2 + MIF, and E2 + 4-OHT + MIF in the presence of IGF-1 and PD 98059.

E. Microscopic images showing cell morphology under different treatments:
   - (a) IGF-1
   - (b) IGF-1 + PD 98059
   - (c) E2
   - (d) E2 + 4-OHT + MIF
   - (e) E2 + 4-OHT + MIF

Themes:
- IGF-IR
- ERα
- cl PARP
- MAPK

Significance:
- a*, b*, c*, d*, d* indicate significant differences between groups.

Note: The images and graphs are used to illustrate the effects of different treatments on cell number and viability.