

The potential therapeutic effect of melatonin on human ovarian cancer by inhibition of invasion and migration of cancer stem cells

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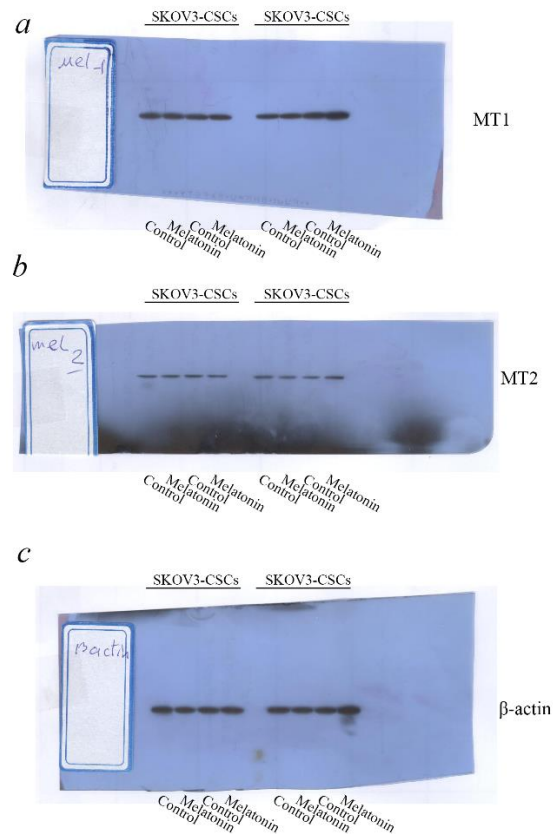


Figure 1. SKOV3 and isolated CSCs were treated with the 3.4 mM melatonin for 48 hr. The cell lysates were prepared and used for Western blot with MT1, MT2 and b-actin antibodies. The figure shows (a) melatonin receptor 1, (b) melatonin receptor 2 (c) beta actin in both SKOV3 and cancer stem cells. The experiment was repeated twice and the gel was not cropped.

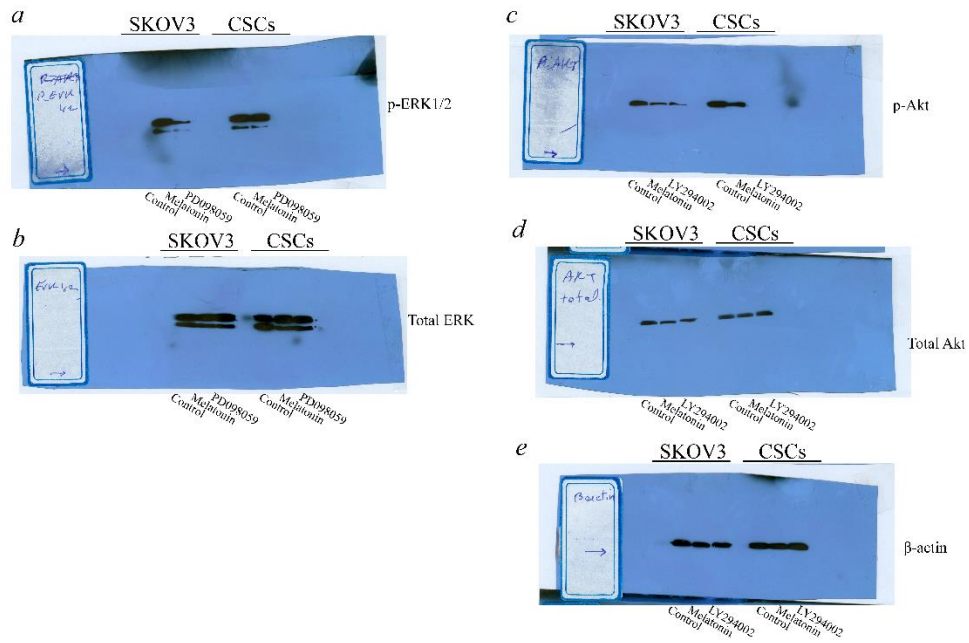


Figure 2. SKOV3 and isolated CSCs were treated with the 3.4 mM melatonin for 48 hr. The cell lysates were prepared and used for Western blot with (a) p-ERK1/2, (b) total ERK, (c) p-Akt, (d) total Akt and (e) b-actin antibodies in both SKOV3 and cancer stem cells. the gel was not cropped.