

Senescent bladder cancer cells promote acquired cisplatin resistance by facilitating macrophage infiltration

Supplementary Files

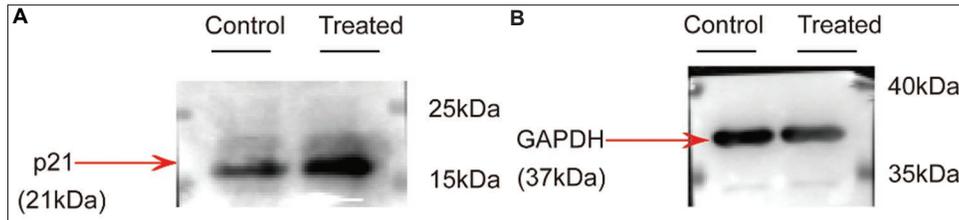


Figure R1. Raw Western blot images for p21 (21 kDa) and GAPDH (37 kDa) shown in Figure 1
Abbreviation: GAPDH: Glyceraldehyde-3-phosphate dehydrogenase.

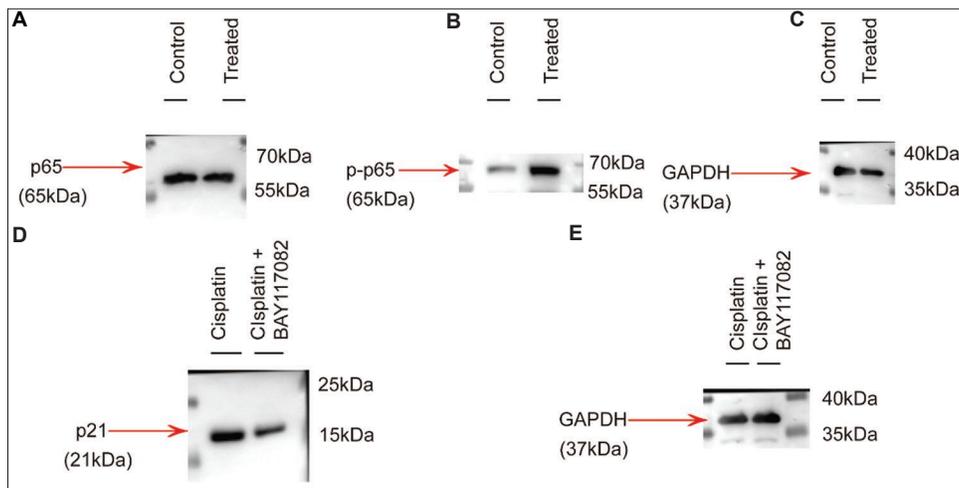


Figure R2. Raw Western blot images shown in Figure 2. (A) p65 (65 kDa), (B) p-p65 (65 kDa), and (C) GAPDH (37 kDa) in cisplatin-treated and untreated UMUC3 cells. (D) p21 (21 kDa) and (E) GAPDH (37 kDa) in UMUC3 cells treated with cisplatin alone or cisplatin + BAY117082
Abbreviations: GAPDH: Glyceraldehyde-3-phosphate dehydrogenase; p-p65: Phospho p65.

Table S1. Reverse transcription-quantitative polymerase chain reaction primers

Name	Forward (F)/reverse (R)	Primer sequence (5'-3')
GAPDH	F	ACACCCACTCCTCCACCTTTG
	R	TCCACCACCCTGTGCTGTAG
AR	F	CTCTCACTCTCTGCCTCCAATTC
	R	GCTCTCCTTCTCTCAGTGGTCAG
TNF	F	AAGGACACCATGAGCACTGAAAGC
	R	AGGAAGGAGAAGAGGCTGAGGAAC
IL6	F	GCCTTCGGTCCAGTTGCCTTC
	R	GTTCTGAAGAGGTGAGTGGCTGTC
CXCL1	F	TCTCTCTTTCCTTCTGTTTCTA
	R	CATCCCCATAGTTAAGAAAATCATC

Abbreviations: AR: Androgen receptor; CXCL1: C-X-C motif chemokine ligand 1; GAPDH: Glyceraldehyde-3-phosphate dehydrogenase; IL6: Interleukin-6; TNF: Tumor necrosis factor.

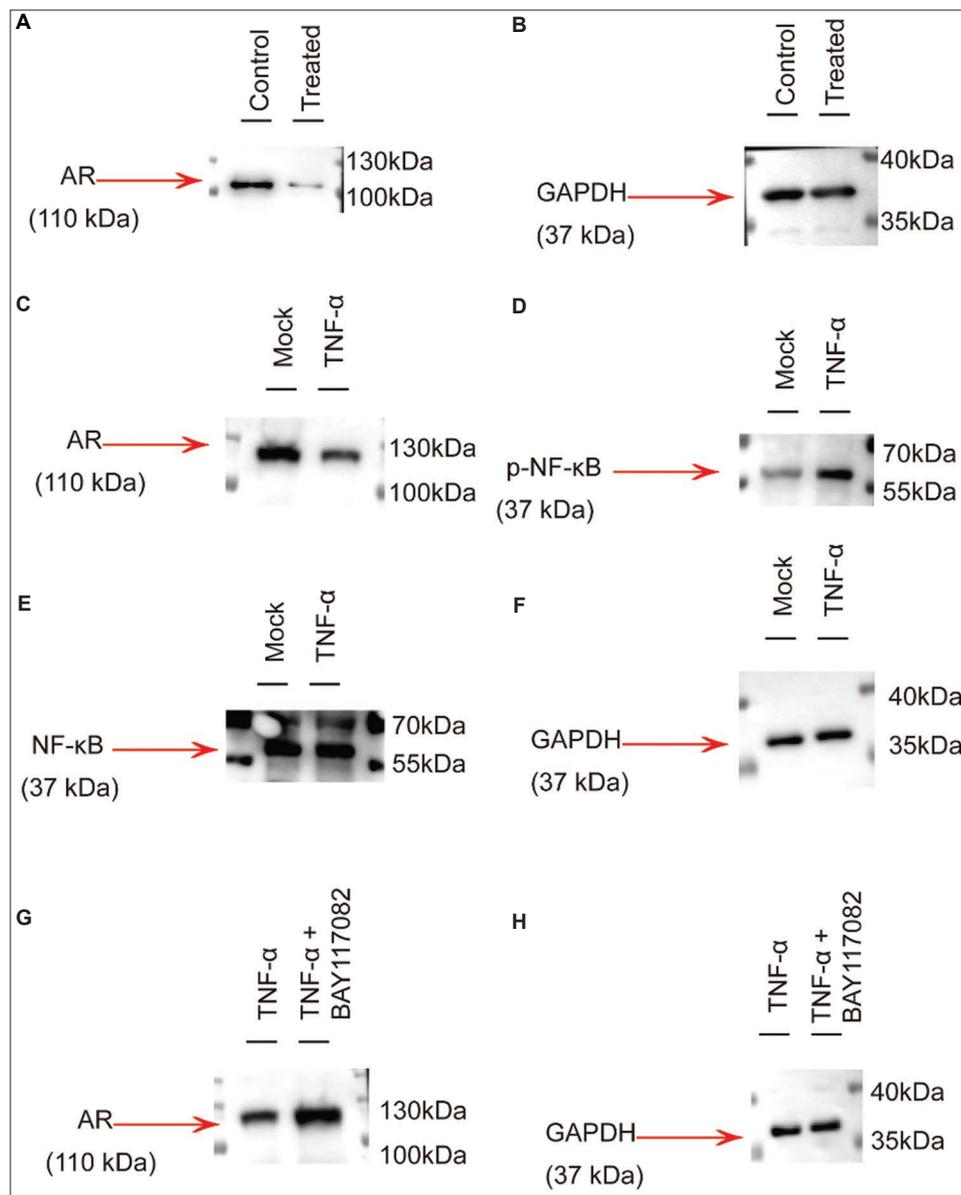


Figure R3. Raw Western blot images shown in Figure 3. (A) AR (110 kDa) and (B) GAPDH (37 kDa) in cisplatin-treated and untreated UMUC3 cells. (C) AR (110 kDa) and (D) p-NF- κ B (65 kDa) in TNF- α - and mock-treated UMUC3 cells. (E) NF- κ B (65 kDa) and (F) GAPDH (37 kDa) in TNF- α - and mock-treated UMUC3 cells. (G) AR (110 kDa) and (H) GAPDH (37 kDa) in UMUC3 cells treated with TNF- α alone and TNF- α + BAY117082. Abbreviations: AR: Androgen receptor; GAPDH: Glyceraldehyde-3-phosphate dehydrogenase; NF- κ B: Nuclear factor κ -light-chain-enhancer of activated B cells; TNF- α : Tumor necrosis factor- α .

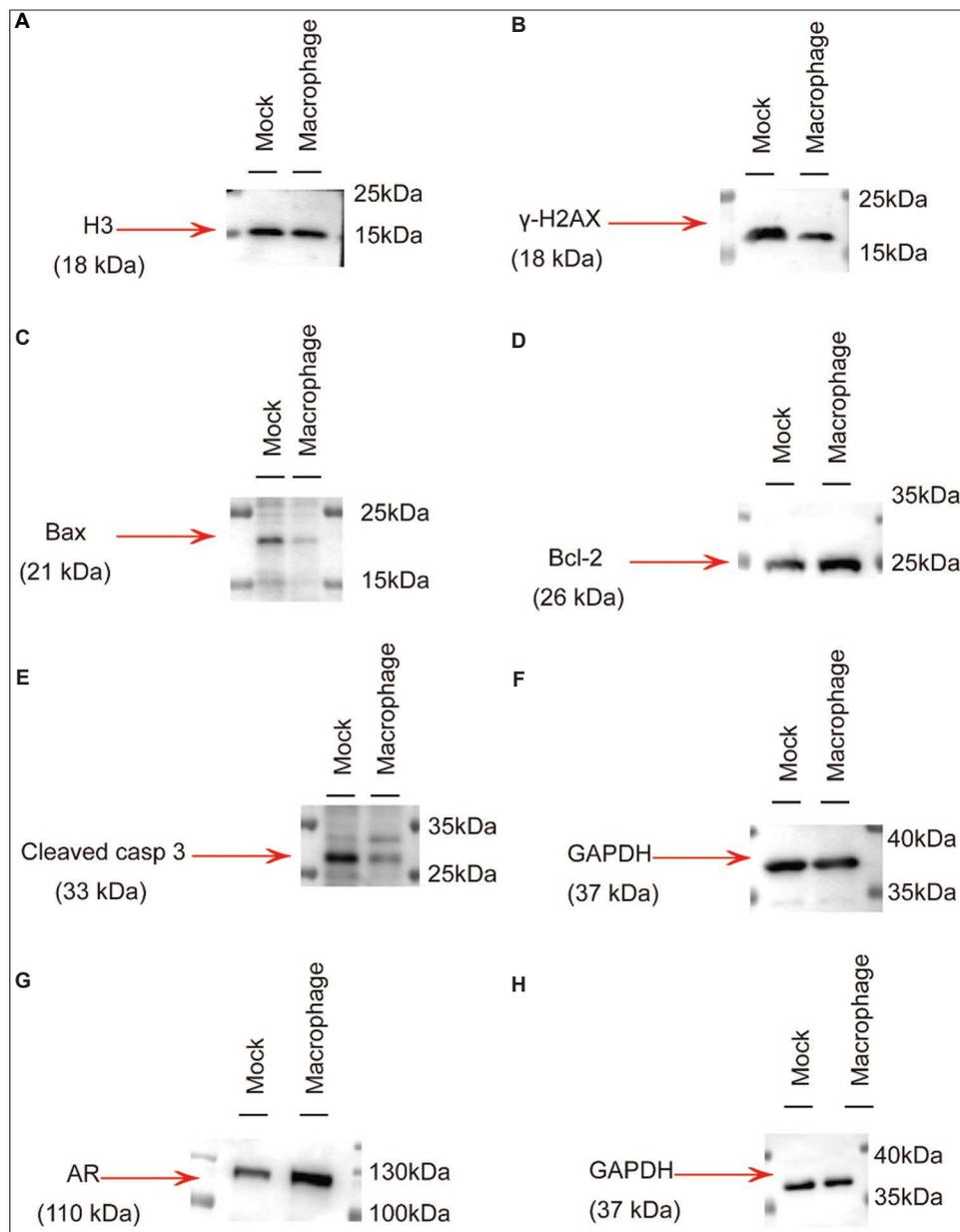


Figure R4. Raw Western blot images for Western blotting for (A) H3 (18 kDa), (B) γ -H2AX (18 kDa), (C) Bax (21 kDa), (D) Bcl-2 (26 kDa), (E) cleaved casp3 (33 kDa), (F) GAPDH (37 kDa), (G) AR (110 kDa), and (H) GAPDH (37 kDa) in Figure 5

Abbreviations: γ -H2AX: γ -H2A histone family member X; AR: Androgen receptor; casp 3: Caspase 3; GAPDH: Glyceraldehyde-3-phosphate dehydrogenase.