Figure 1

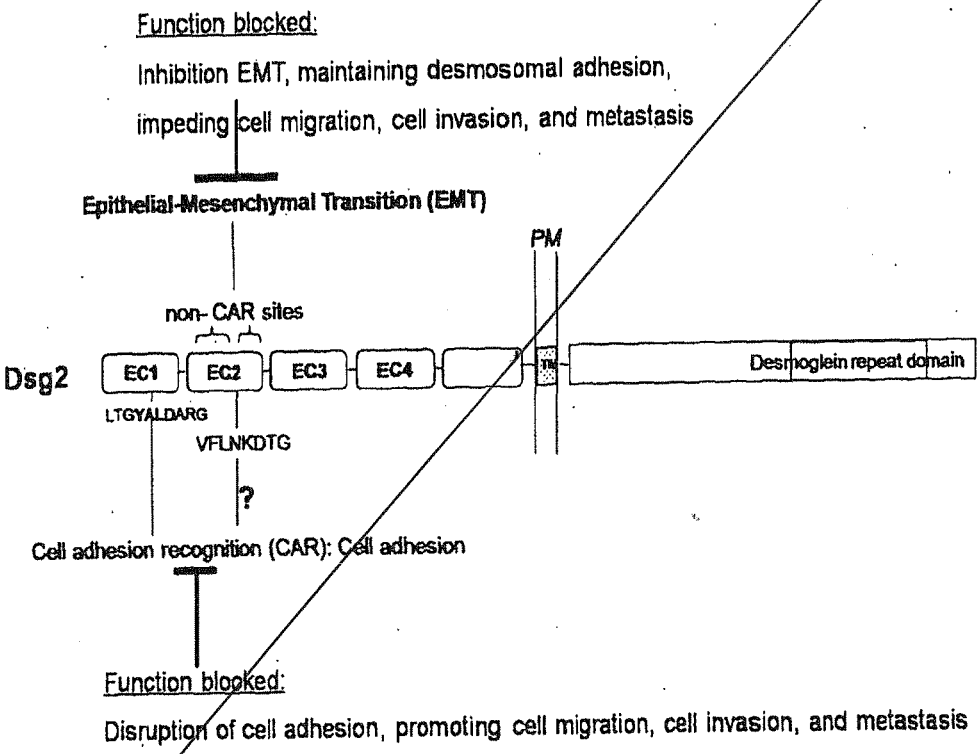

Function blocked:
Inhibition EMT, maintaining desmosomal adhesion,
impeding cell migration, cell invasion, and metastasis
Epithelial-Mesenchymal Transition (EMT)
PM
non- CAR sites
Dsg2
EC1
EC2
EC3
EC4
TM
Desmoglein repeat domain
LTGYALDARG
VFLNKDTG
?
Cell adhesion recognition (CAR): Cell adhesion
Function blocked:
Disruption of cell adhesion, promoting cell migration, cell invasion, and metastasis

Figure 2

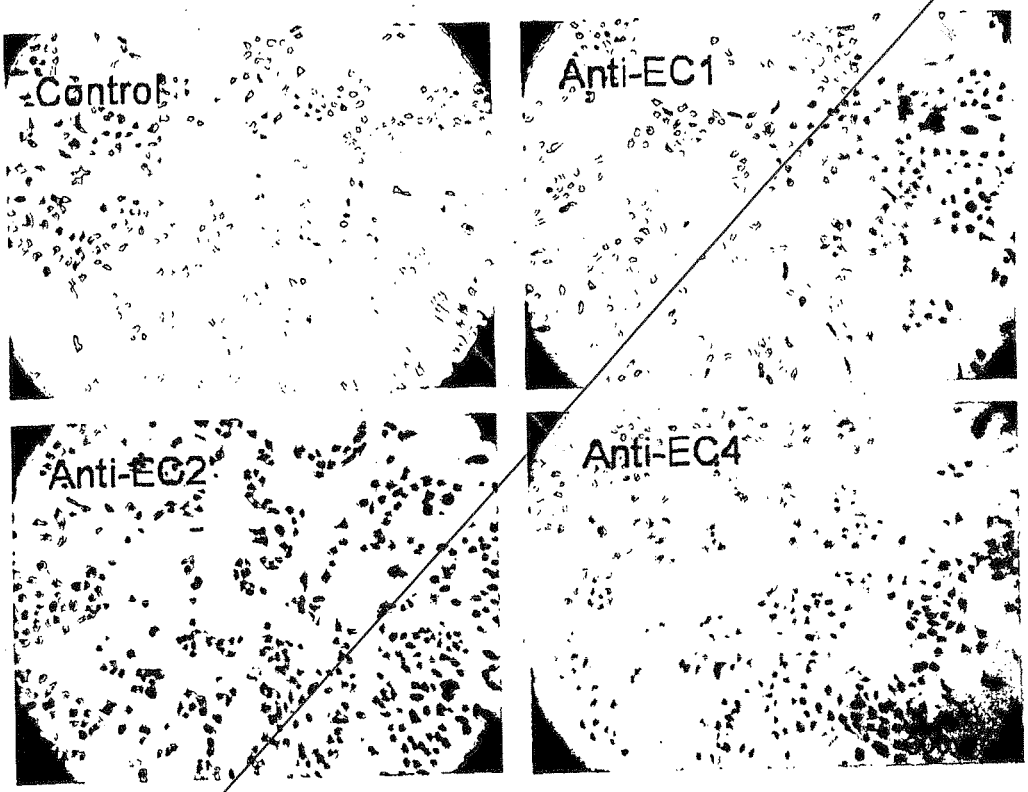


Figure 3: page 1

(a) A375 melanoma cells

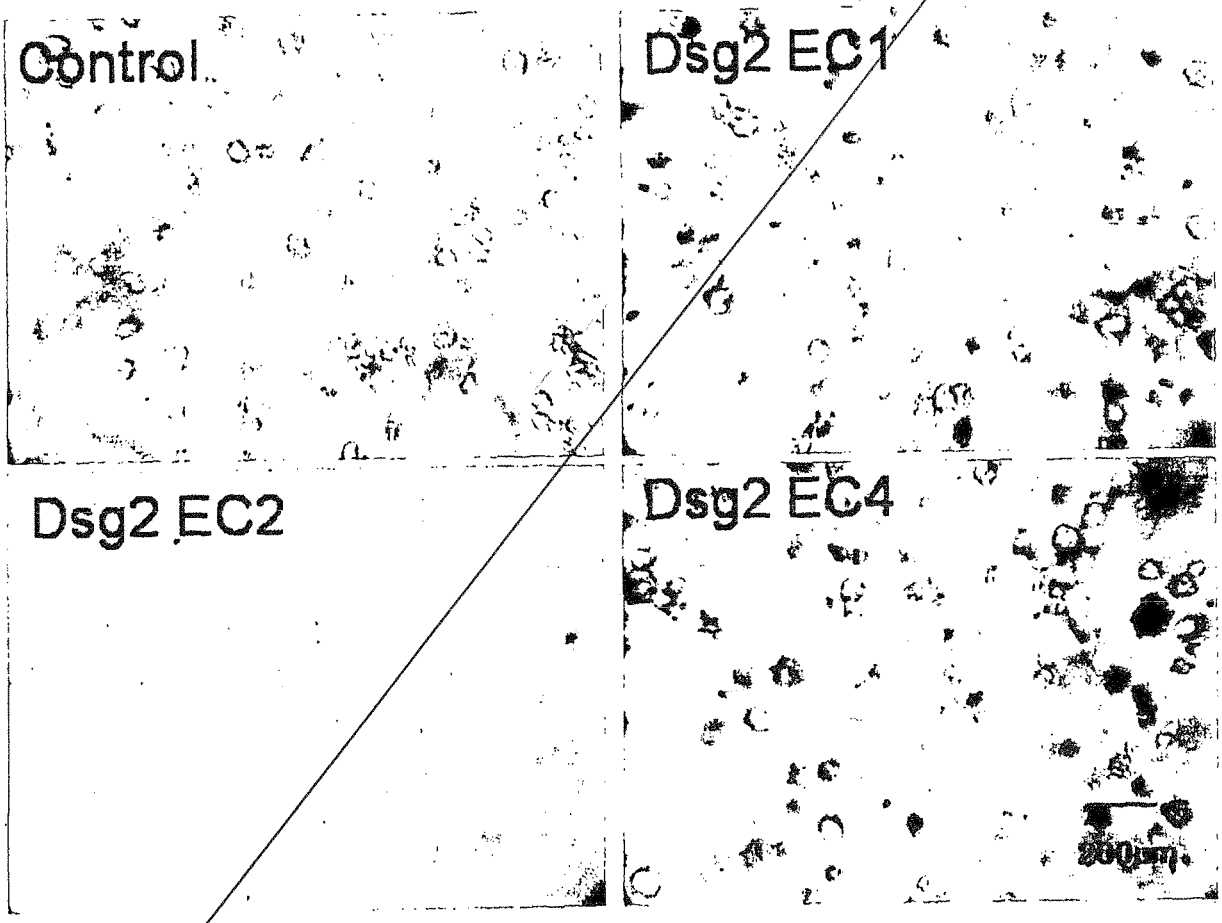


Figure 3: page 2

(b) MCF7 breast cancer cells

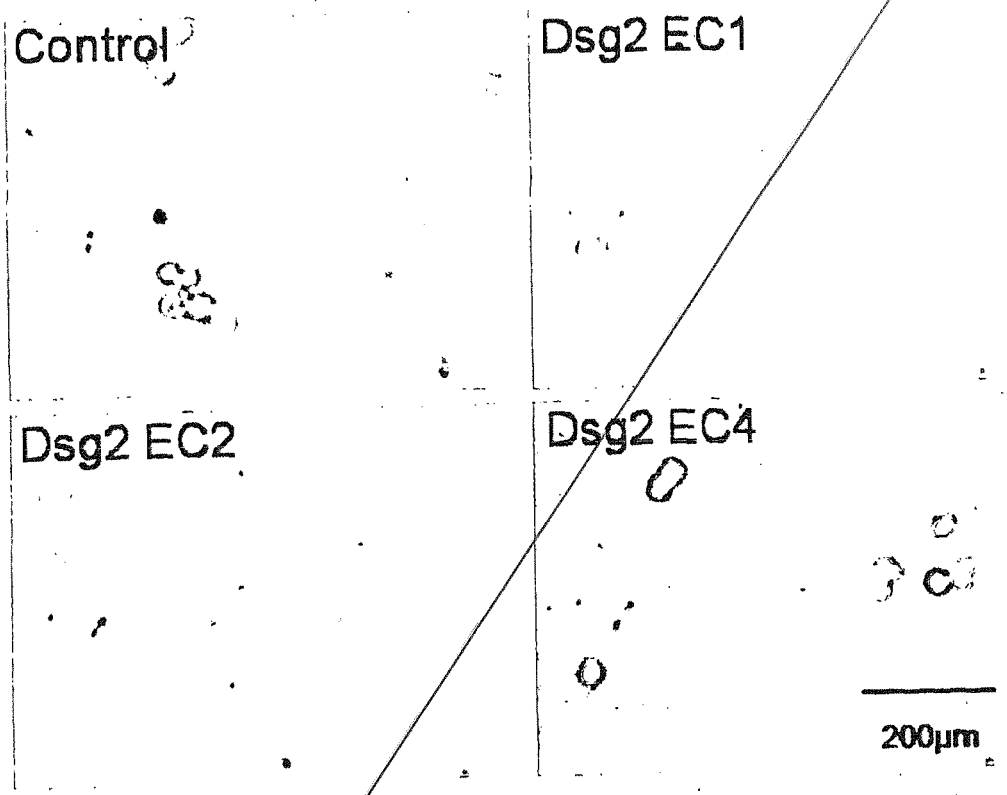


Figure 3: page 3

(c) LNCaP prostate cancer cells

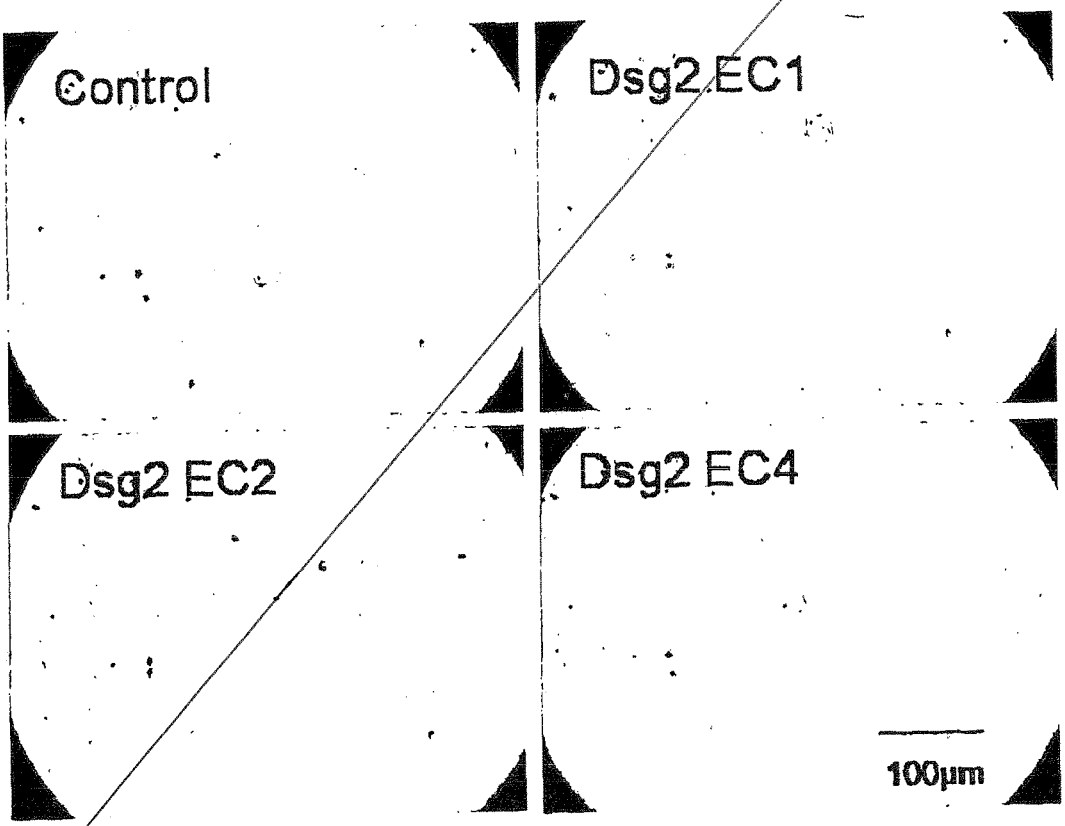


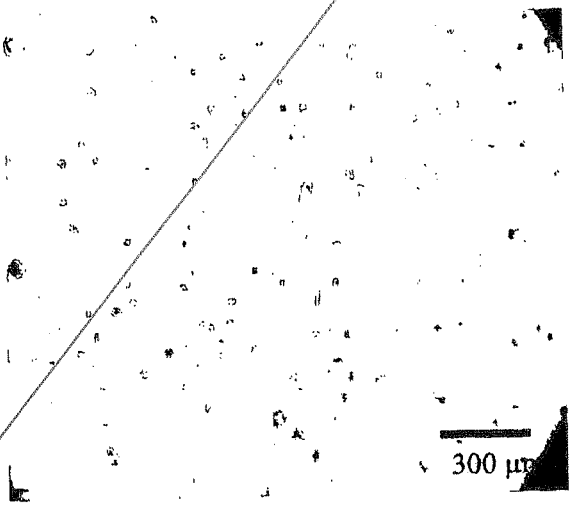
Figure 4

(A) HGF/SF induced EMT on MDCK cells

Control

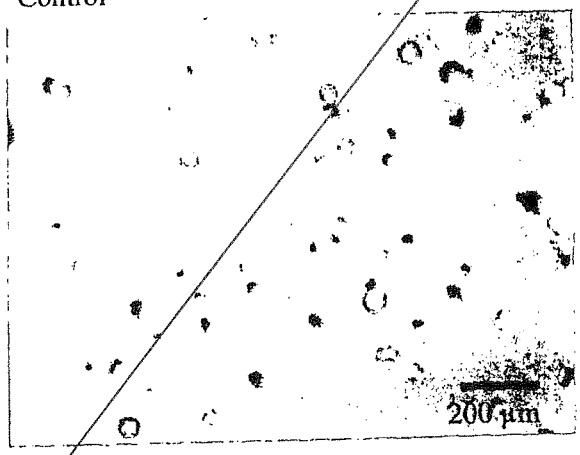


Anti-non-CAR antibody 25µg/ml



(B) MCF7 breast cancer cell

Control



Anti-non-CAR antibody 50µg/ml



Figure 5: page 1

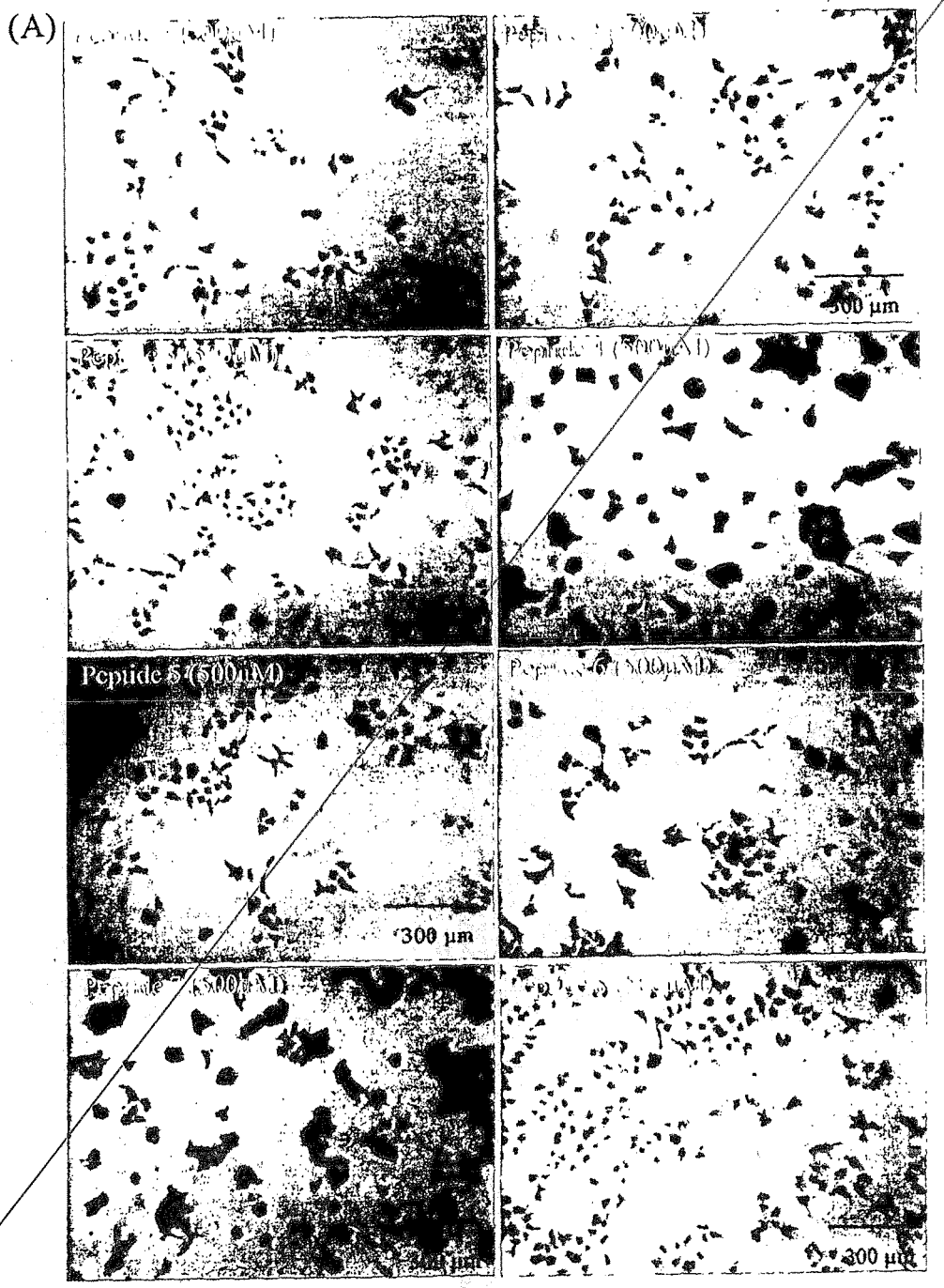


Figure 5: page 2

(B) MCF7 breast cancer cells

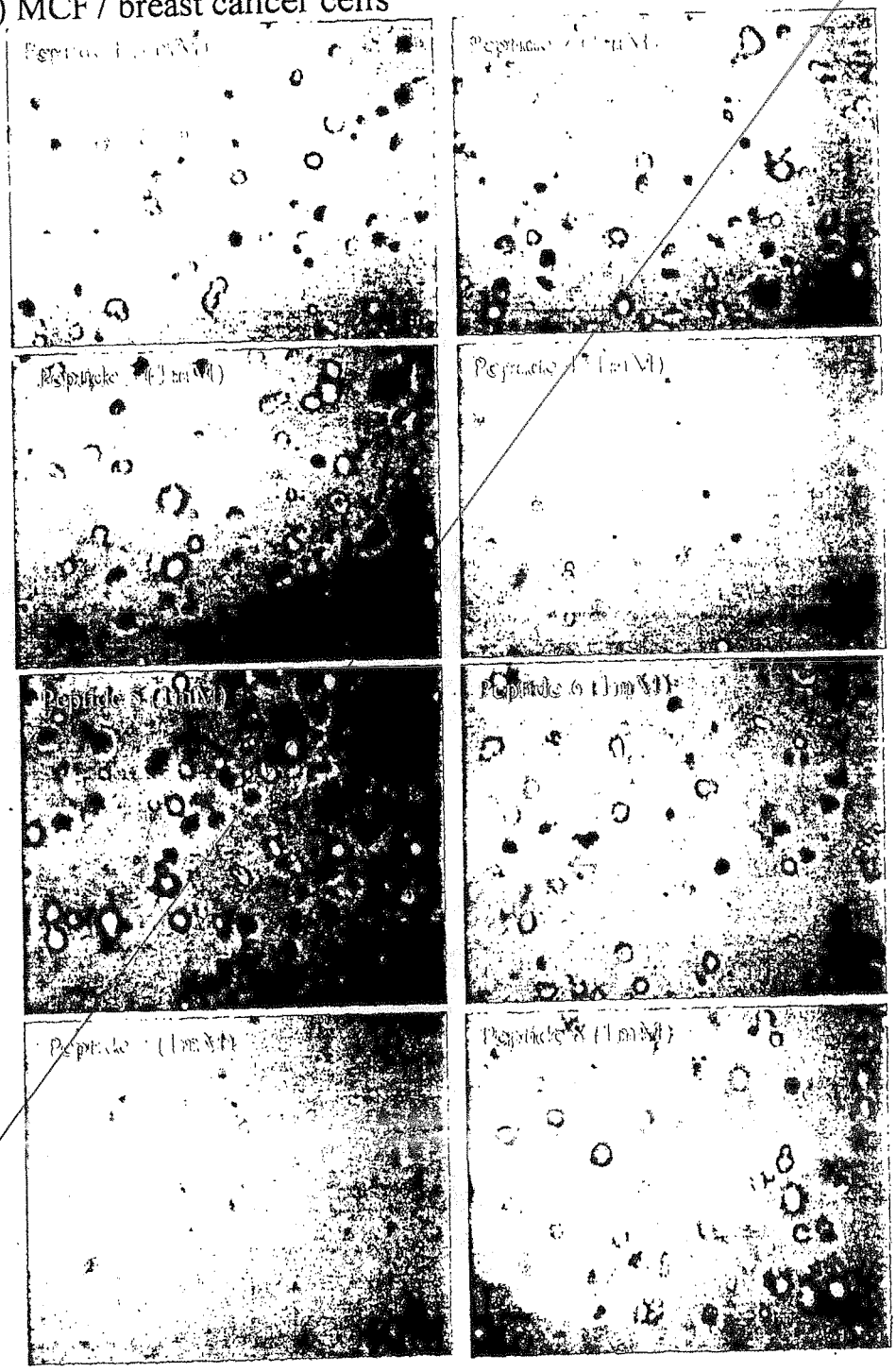


Figure 1

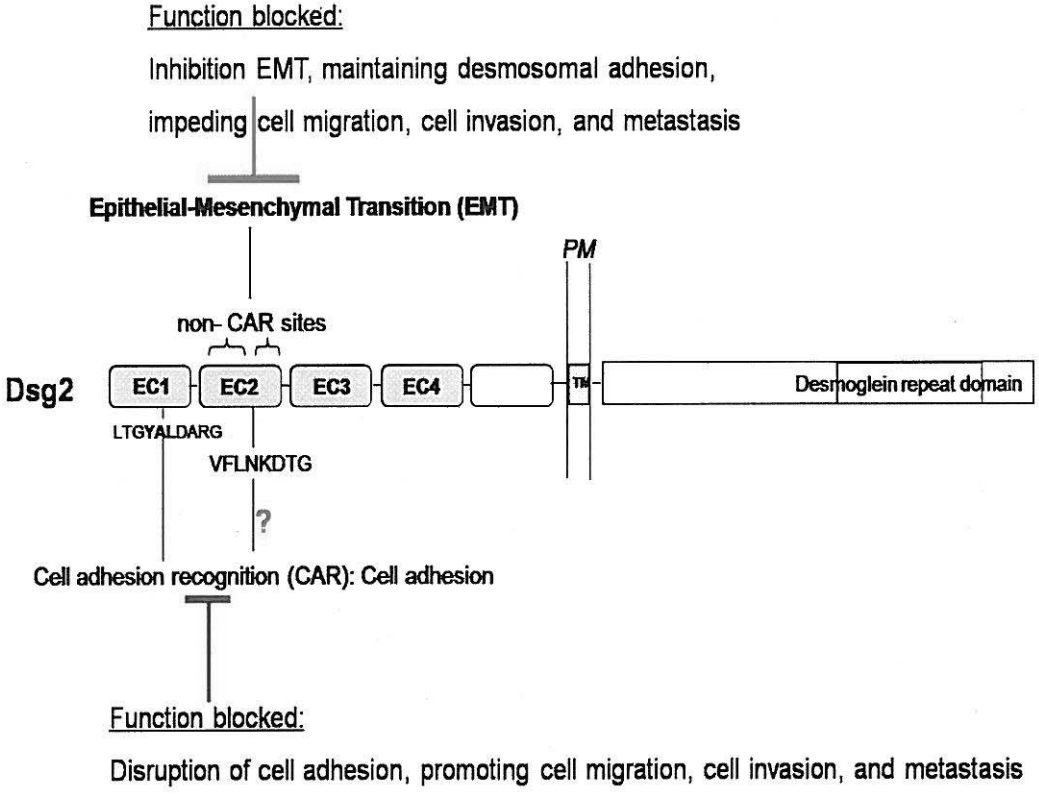

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Figure 2

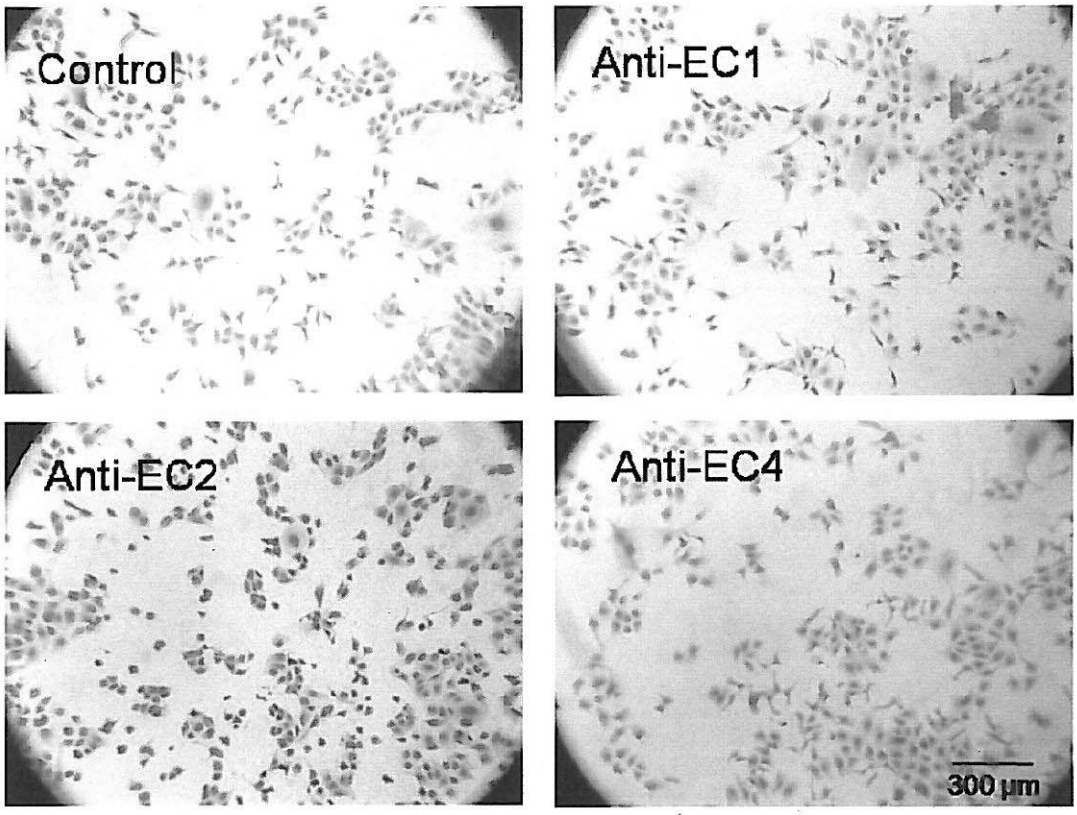


Figure 3: page 1

(A) A375 melanoma cells

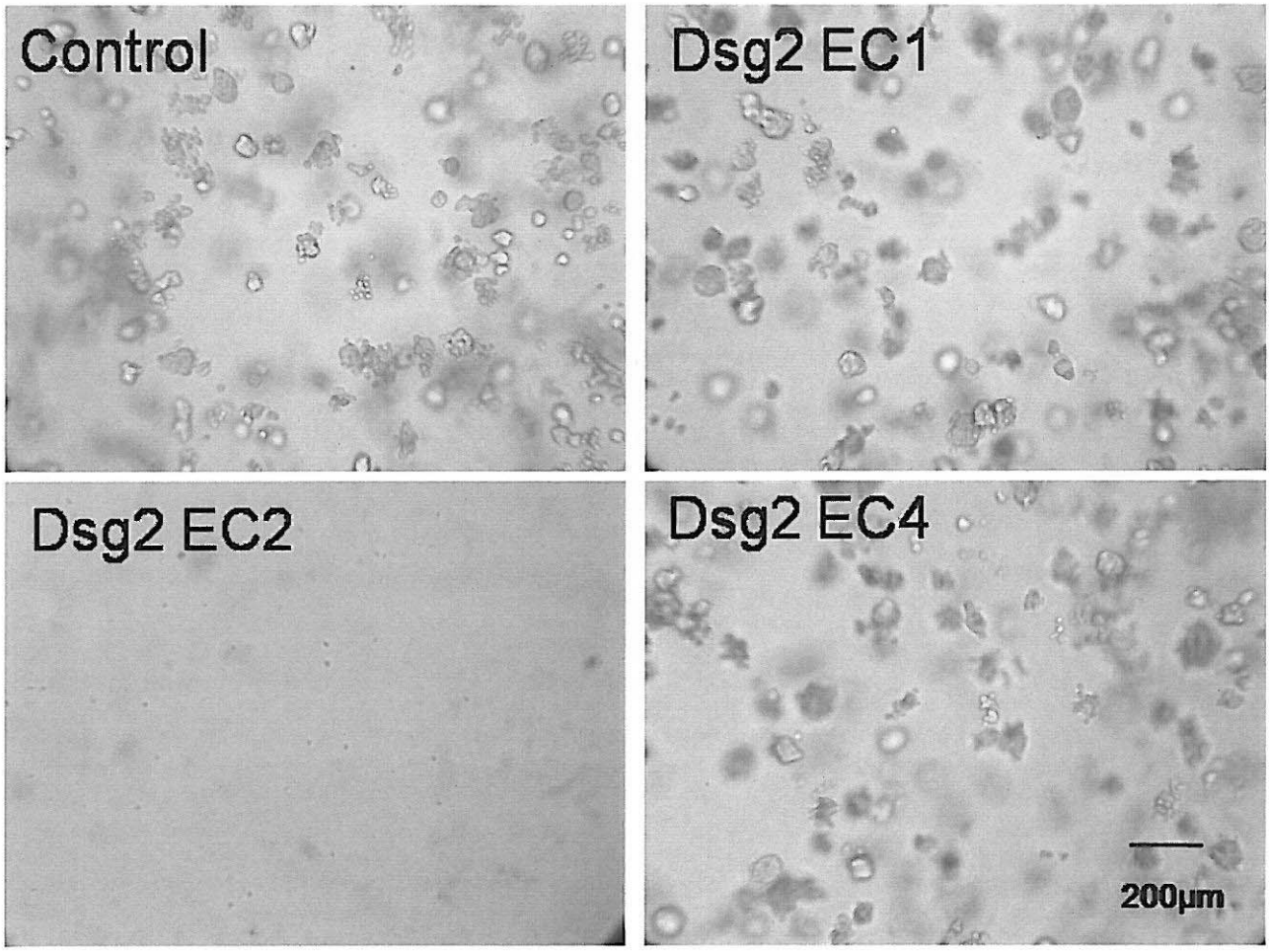


Figure 3: page 2

(B) MCF7 breast cancer cells

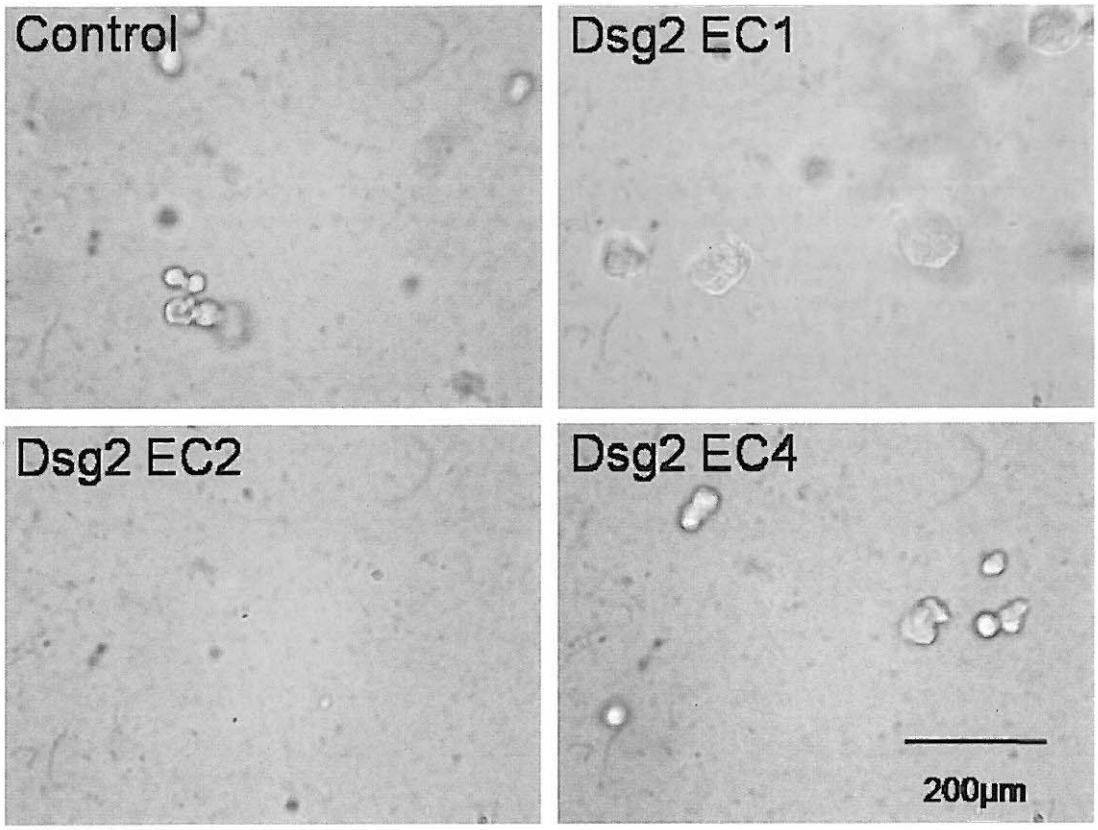


Figure 3: page 3

(C) LNCaP prostate cancer cells

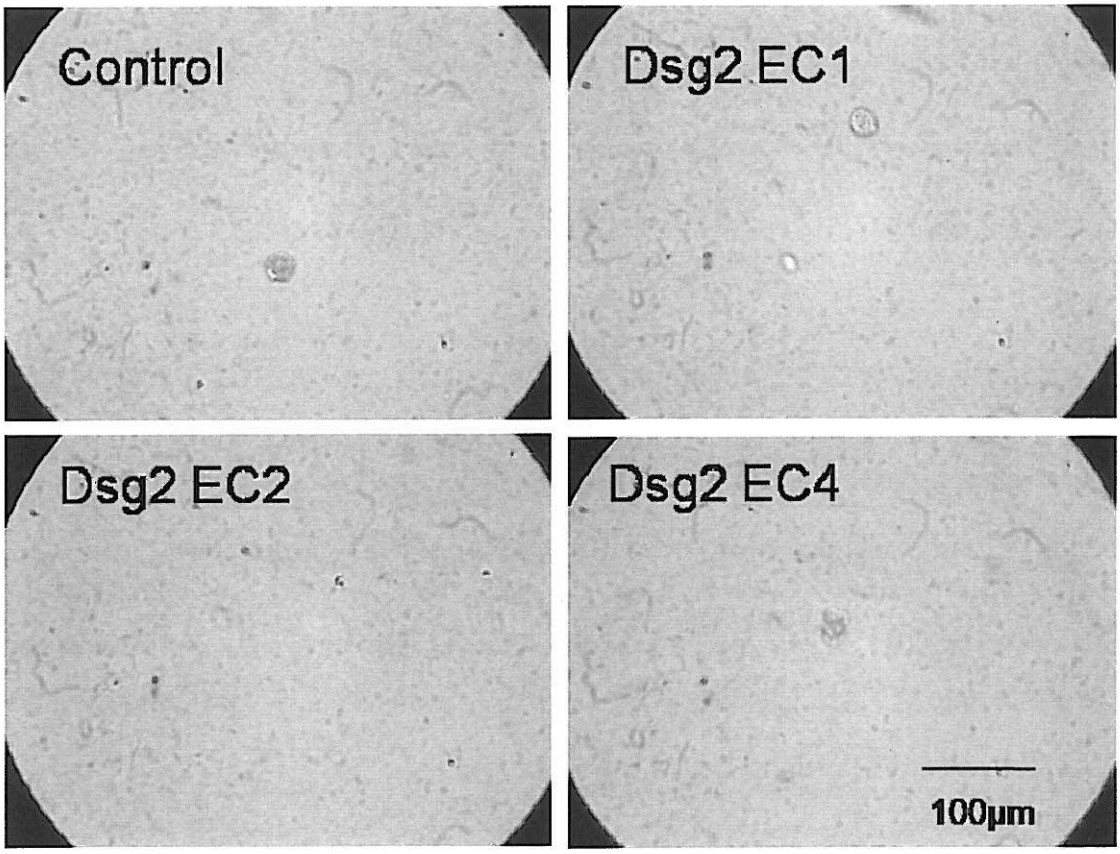
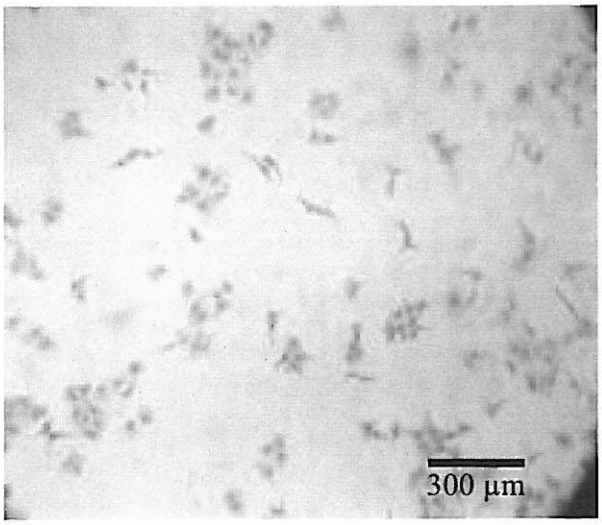


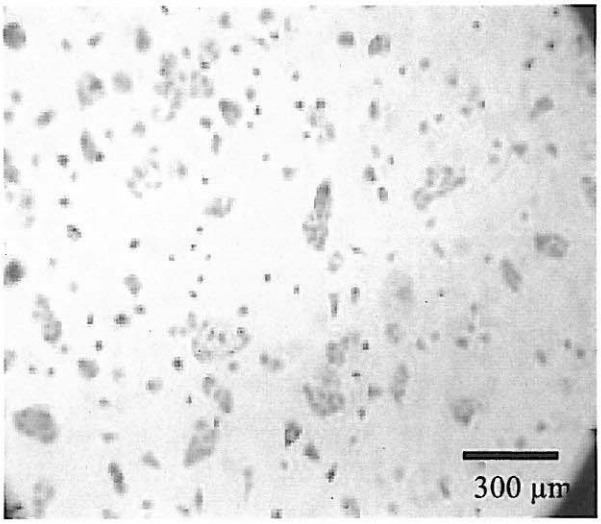
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(A) HGF/SF induced EMT on MDCK cells

Control

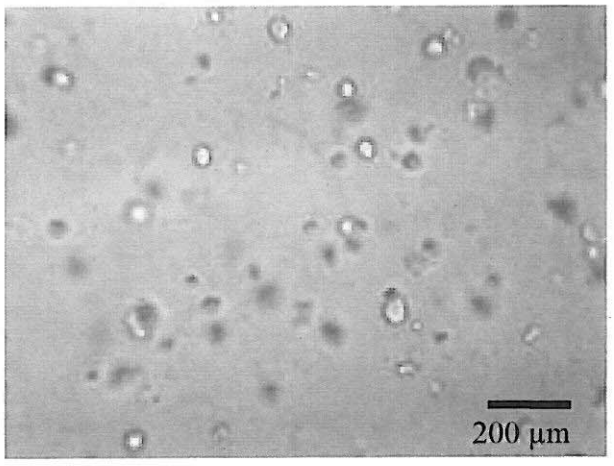


Anti-non-CAR antibody 25µg/ml



(B) MCF7 breast cancer cell

Control



Anti-non-CAR antibody 50µg/ml

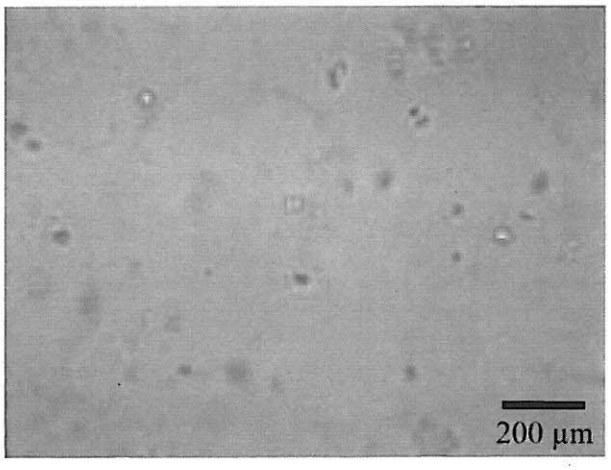


Figure 5: page 1

(A)

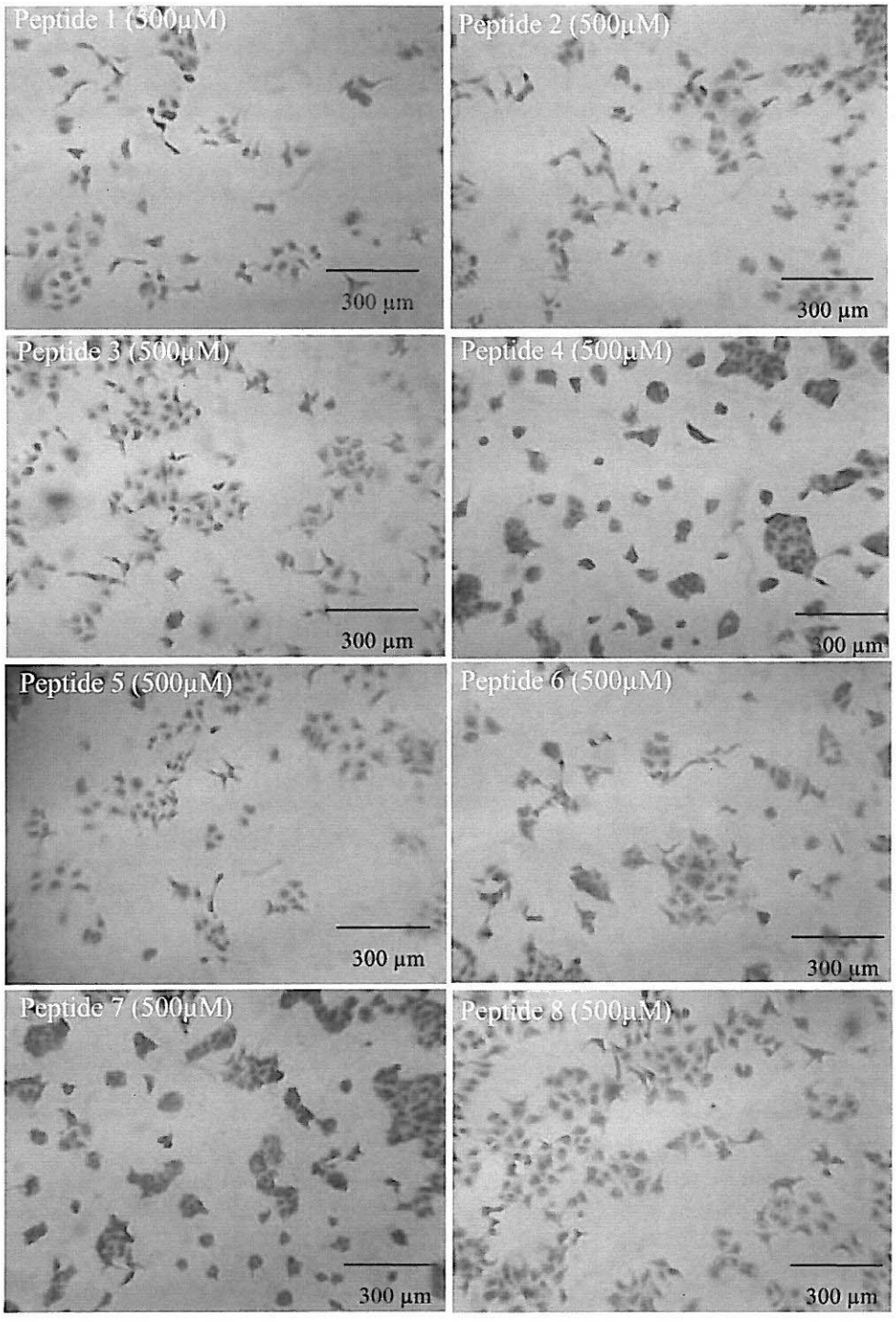


Figure 5: page 2

(B) MCF7 breast cancer cells

