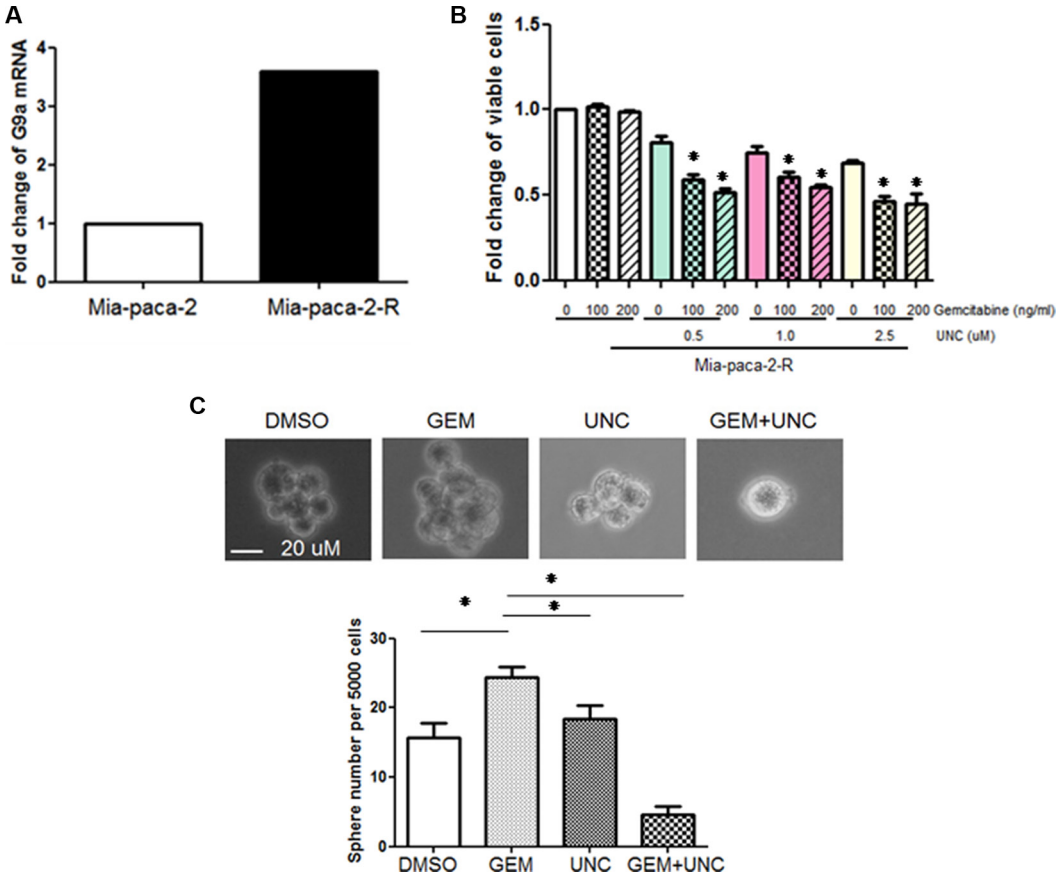
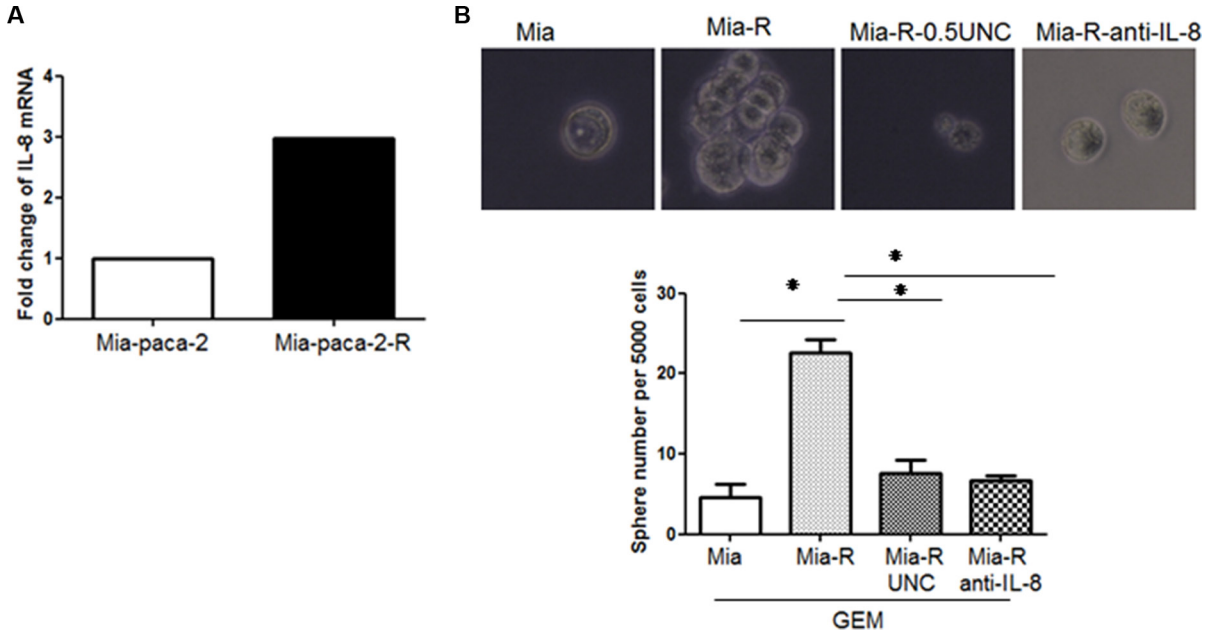
The histone methyltransferase G9a as a therapeutic target to override gemcitabine resistance in pancreatic cancer

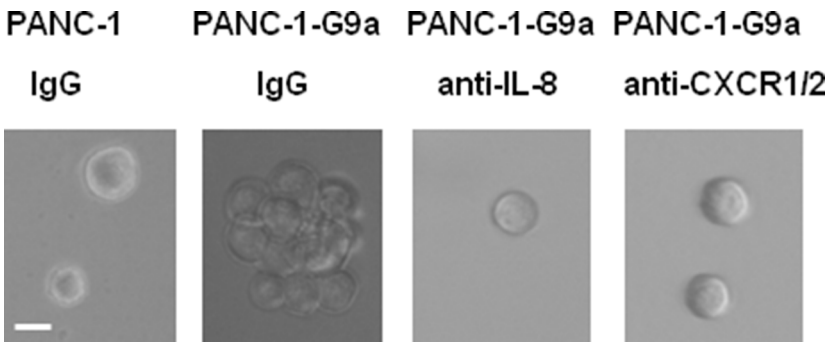
Supplementary Materials



Supplementary Figure S1: Up-regulation of G9a in GEM-resistant Mia-paca-2-R pancreatic cancer cells and inhibition of viability and sphere formation of Mia-paca-2-R cells by G9a inhibitor UNC0638.



Supplementary Figure S2: Up-regulation of IL-8 in GEM-resistant Mia-paca-2-R pancreatic cancer cells and inhibition of sphere formation of Mia-paca-2-R cells by G9a inhibitor UNC0638 and anti-IL-8 antibody.



Supplementary Figure S3: Overexpression of G9a in PANC-1 cells increased sphere formation which could be inhibited by anti-IL-8 antibody or combination of anti-CXCR1 and anti-CXCR2 antibodies.