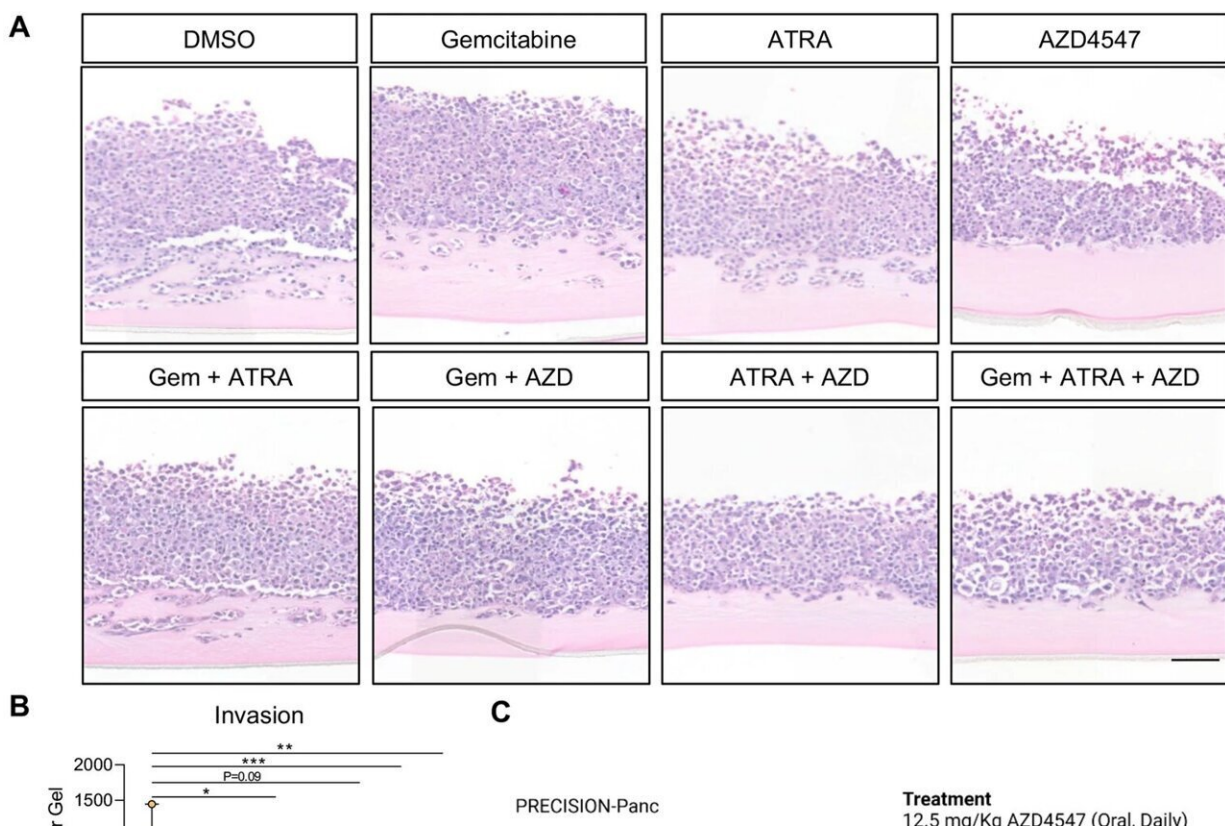


Research identifies new way to halt pancreatic cancer invasion by targeting healthy cells

November 10 2022



Inhibition of FGFR1 limits invasion in pre-clinical models of PDAC. **A** Representative H&E images of MIA PaCa-2: PS1 organotypics treated with 100 nM Gemcitabine, 1 μ M ATRA, or 1 μ M AZD4547 either alone or in combination for 7 days. **B** Quantification of invasion from **A**. Images representative of at least 3 biological repeats. Individual colors on graphs indicative of technical replicates within each biological replicate. **C** Schematic of

in vivo KPC model and treatment regime. **D** Representative H&E (Top panels), Picrosirius Red (Middle panels), and α SMA IHC (Lower panels) images from KPC mouse pancreatic tumors treated as indicated in **C** ($n = 7$ Vehicle, =8 Gem+ ATRA + AZD). Quantification of invasion (H&E), collagen (Picrosirius Red) and α SMA presented to the right of image panels. ****P*

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