Research identifies new way to halt pancreatic cancer invasion by targeting healthy cells
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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 ?M ATRA, or 1 ?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 ?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 ?SMA presented to the right of image panels. ***P


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