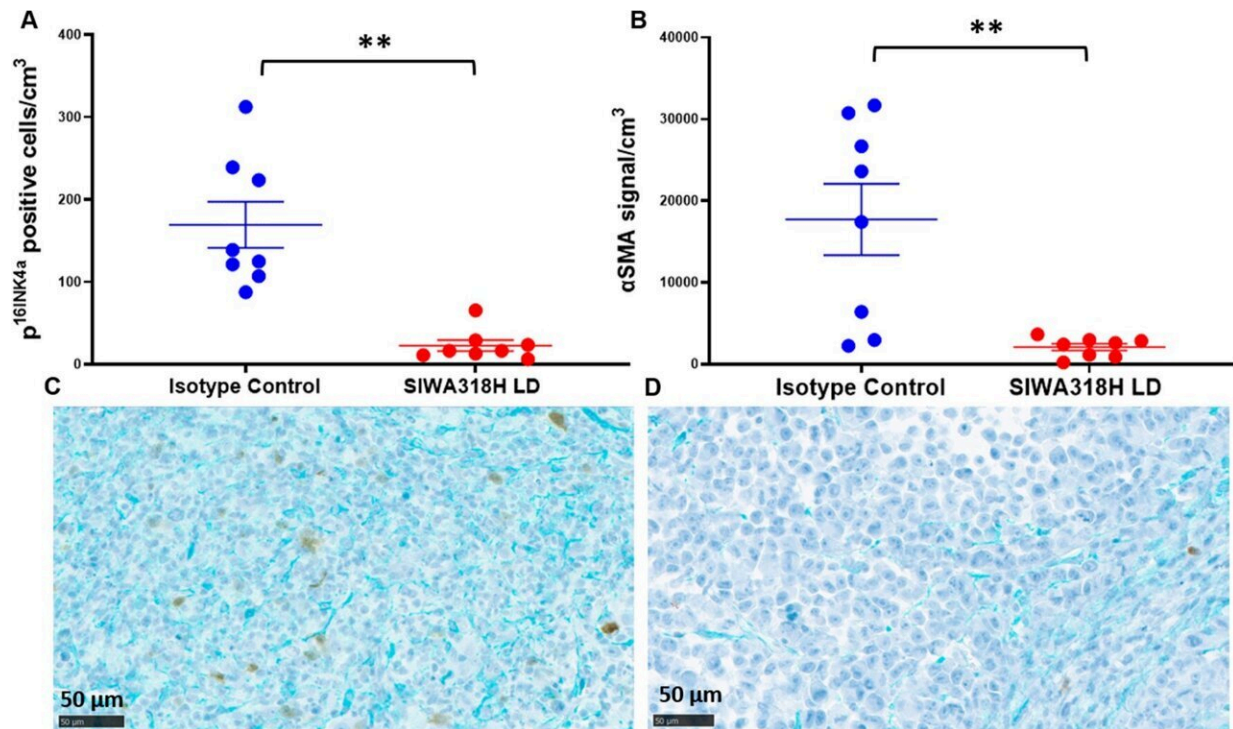


# New antibody shows strong potential as treatment against pancreatic cancer

October 27 2023



SIWA318H treatment depletes p<sup>16INK4a</sup> positive cells and reduces αSMA expression in PSN1 xenograft tumors. (A) Quantification of the number of p<sup>16INK4a</sup> positive cells in isotype control antibody treated and SIWA318H treated tumors. (B) Quantification of αSMA positive areas in isotype control antibody treated and SIWA318H treated tumors. (C) A representative image of tumor tissues from mice treated with isotype control antibody stained with antibodies against p<sup>16INK4a</sup> (Brown) and αSMA (Teal). (D) A representative image of tumor tissues from mice treated with low dose SIWA318H stained with antibodies against p<sup>16INK4a</sup> (Brown) and αSMA (Teal). Scale bar in (C) and (D) = 50 μm. \*\*, p

Citation: New antibody shows strong potential as treatment against pancreatic cancer (2023, October 27) retrieved 28 April 2024 from <https://medicalxpress.com/news/2023-10-antibody-strong-potential-treatment-pancreatic.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.