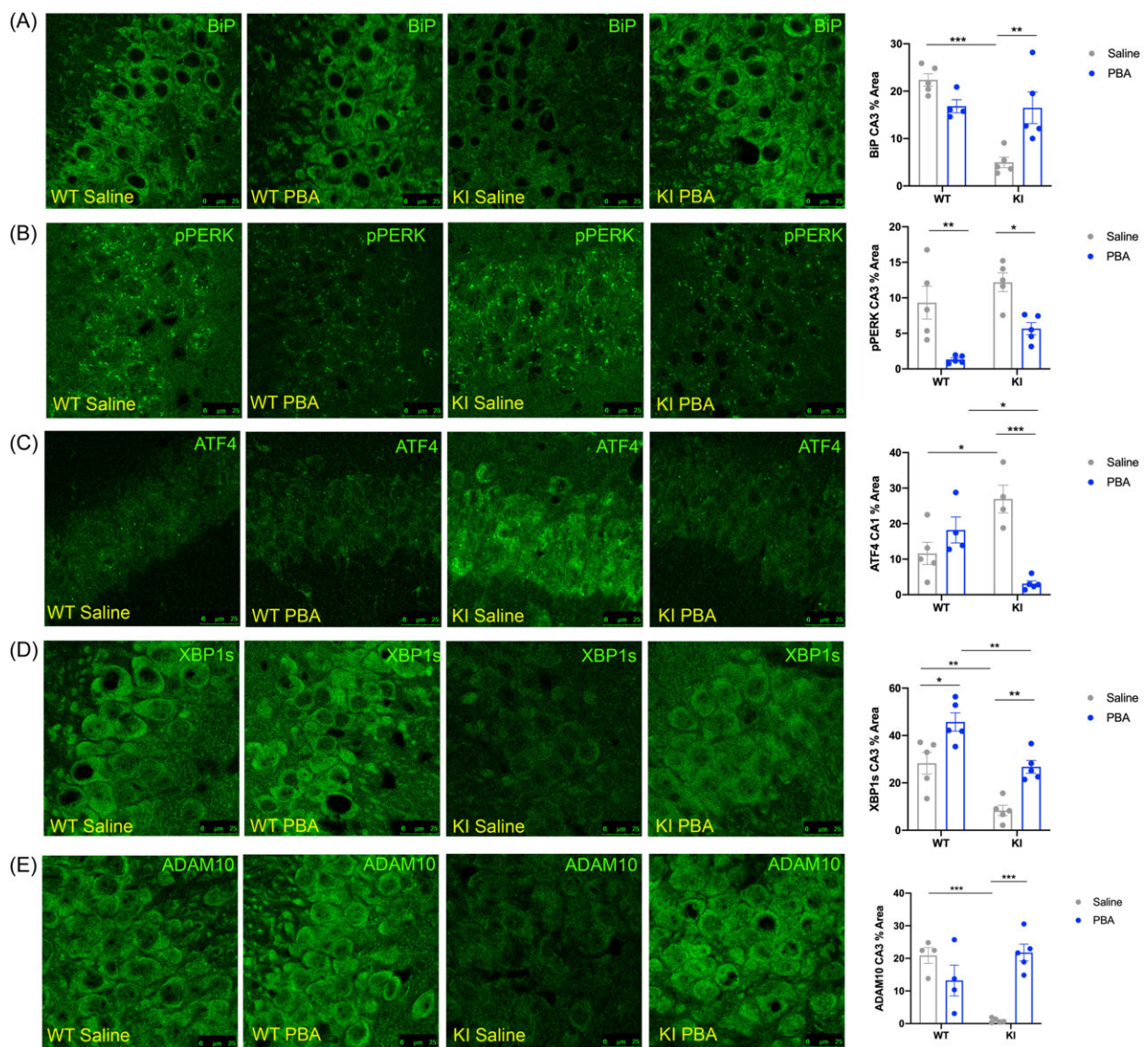


# New treatment reverses Alzheimer's disease signs, improves memory function in preclinical study

December 20 2023



PBA treatment reduces PERK activity and increases XBP1s in the hippocampus of  $APP^{NL-G-F}$  knock-in (KI) mice. Confocal images of the hippocampus across groups. (A) BiP in the CA3. (B) p-PERK in the CA3. (C) ATF4 in the CA1. (D) XBP1s in the CA3. (E) ADAM10 in the CA3. Data quantified and presented as mean  $\pm$  SE percent area of BiP, p-PERK, ATF4, XBP1s, and ADAM10 within hippocampal sections (n = 4–5 animals per group; two-way ANOVA with Tukey post hoc correction for multiple comparisons, \*p

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