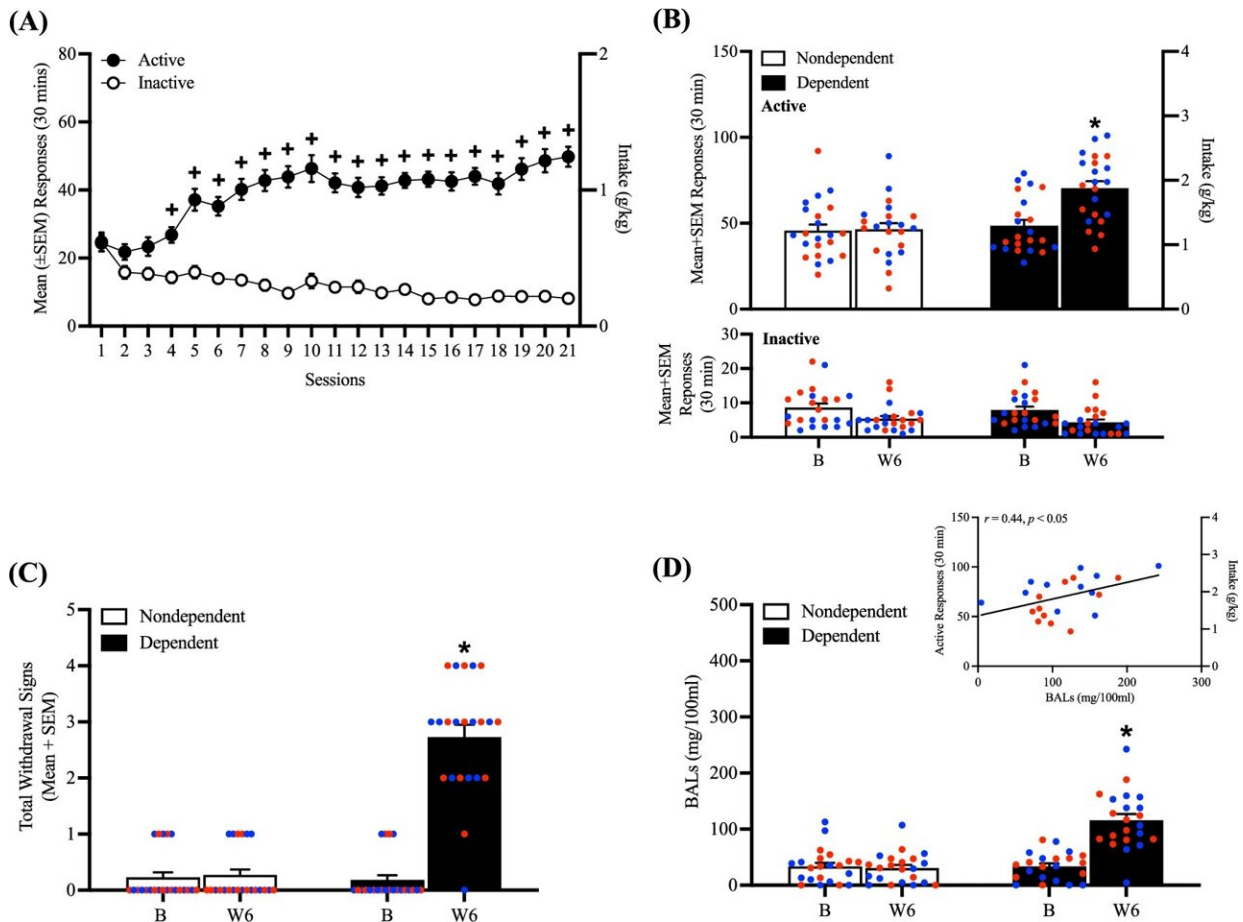


# How blocking a neural receptor responsible for addiction could reduce alcohol use

March 29 2024



Time course of alcohol self-administration acquisition across 21 training sessions and escalation of drinking during week 6 of CIE vapor exposure. **(A)** Male and female rats acquired alcohol self-administration over the 21 training sessions. **(B)**

At week 6 of CIE vapor exposure, alcohol-dependent rats exhibited a significant increase in alcohol self-administration. (C) A significant increase in somatic withdrawal signs was observed in dependent rats at week 6 of CIE vapor exposure during acute abstinence. (D) After the self-administration sessions at week 6 of CIE vapor exposure, alcohol-dependent rats exhibited significantly higher BALs. Alcohol self-administration and BALs at week 6 significantly correlated (inset). The data are expressed as the mean + SEM. <sup>+</sup>*p*

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