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Title: An animal model of adolescent binge sugar consumption

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Description: Excessive sugar consumption produces many of the same behavioral and neurochemical changes that characterize substance abuse. While these effects have been well characterized in adults, they have not yet been examined in adolescents. The present study gave adolescent mice limited, intermittent access to sucrose solution for the entire adolescent period (P21-P42). Following sucrose exposure, mice were tested for withdrawal-induced depression using the Forced Swim Test. Mice were then tested for cross-sensitization to the low-dose stimulatory effects of ethanol.