## Reducing cannabinoid abuse and preventing relapse by enhancing endogenous brain levels of kynurenic acid

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**Supplementary Figure 1** Ro 61-8048 reverses the depressant effects of THC on food selfadministration in monkeys. THC (0.56 mg/kg, i.v., immediately before the session) significantly decreased the number of food pellets self-administered over one-h sessions (**a**) and also decreased overall response rates (**b**) by squirrel monkeys under a fixed-ratio ten (FR10) schedule. Ro 61-8048 (20 mg/kg i.m., 40 min before session) did not significantly affect foodreinforced behavior, but reversed the effects of THC. The number of food pellets per session (**a**) and overall response rates in the presence of the green light signaling food availability (**b**) are shown. Each bar represents the mean  $\pm$  s.e.m (n = 3). \*\**P* <0.01, *post-hoc* vs. vehicles condition; # *P*<0.05, ## *P*<0.01, *post-hoc* vs. vehicle + THC 0.56 condition, Bonferroni test.