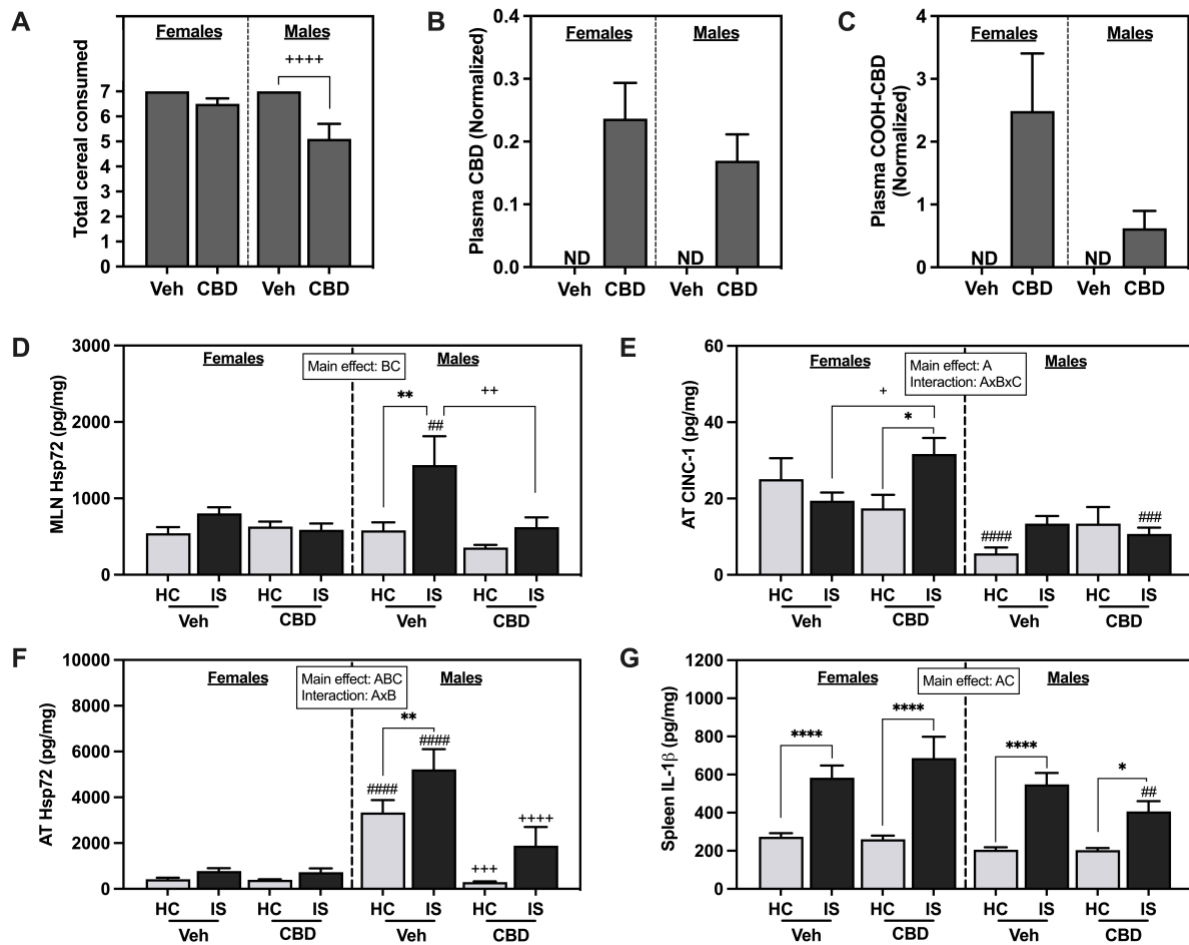




Supplementary Figure 1. Total voluntary consumption of coconut oil vehicle (Veh) or CBD-rich hemp extract (CBD) treated cereal (**A**). All female and male rats assigned to the vehicle group consumed every piece of coconut oil-treated cereal they were offered. Concentrations of normalized plasma (**B**) cannabidiol (CBD), and (**C**) COOH-CBD (unpaired T-test effect, female vs male); ND = not detectable. Concentrations of (**D**) Mesenteric lymph node (MLN) Heat shock protein 72 (Hsp72), (**E**) Adipose tissue (AT) CINC-1, (**F**) AT Hsp72, and (**G**) spleen IL-1 β . Females are graphed to the left of the dashed line; males are graphed to the right of the dashed line. Data are presented as mean $\pm$ SEM; Symbols, Figure A: **** p < 0.0001 (Dunn's *post hoc* effect of CBD); Figures D-G: ^A p < 0.05 (main effect of sex); ^B p < 0.05 (main effect of CBD); ^C p < 0.05 (main effect of IS); ## p < 0.01, #### p < 0.0001 (Fisher's LSD *post hoc* effect of Sex); * p < 0.05, ++ p < 0.01, +++ p < 0.001, **** p < 0.0001 (Fisher's LSD *post hoc* effect of CBD); * p < 0.05, ** p < 0.01, **** p < 0.0001 (Fisher's LSD *post hoc* effect of IS). Vehicle group = Veh,

Cannabidiol-rich hemp extract group = CBD, unstressed home cage controls = HC, inescapable tail shock = IS.