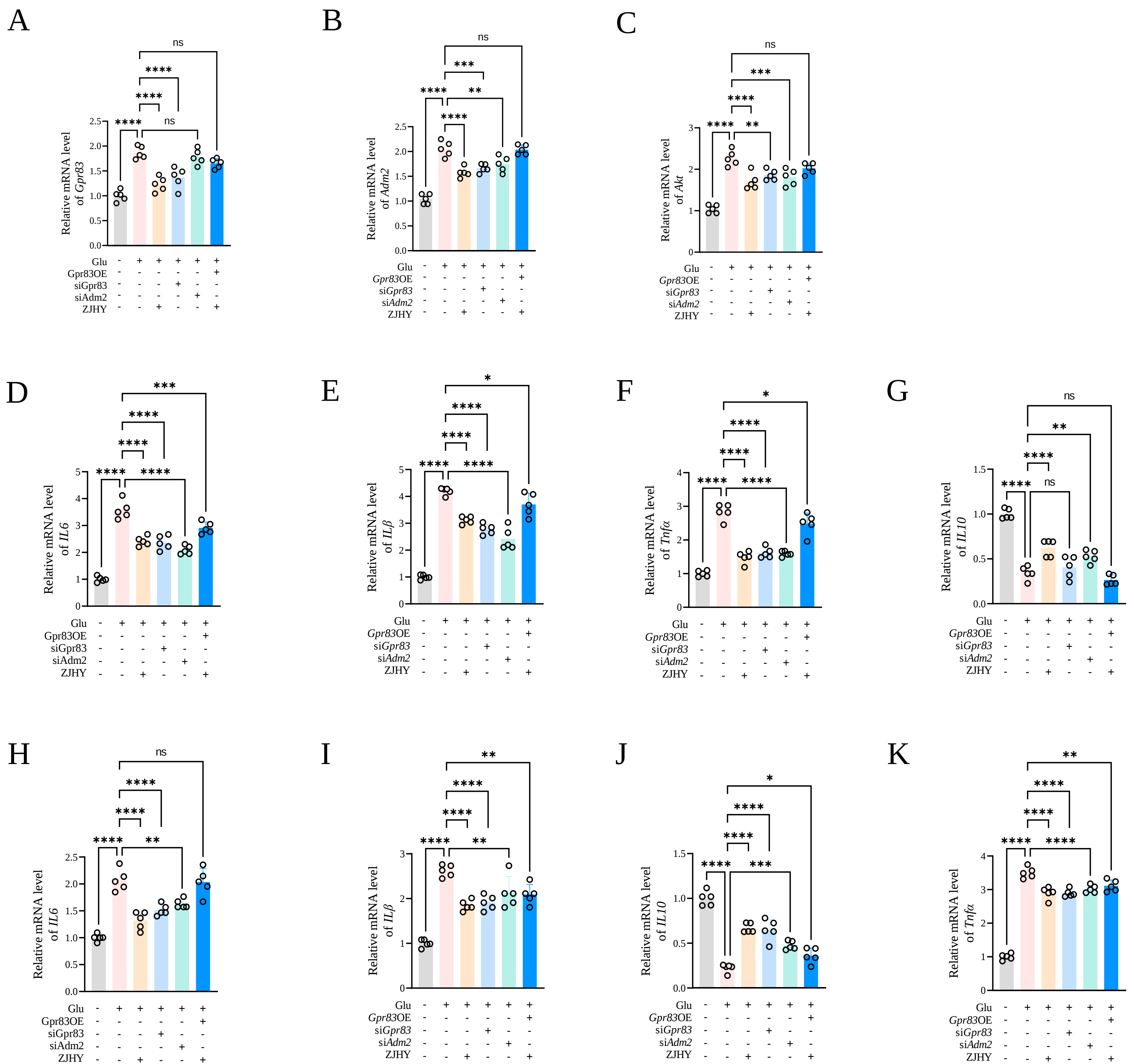




Supplementary Figure 2 ZJHY regulates the GPR83–ADM2–AKT axis and suppresses inflammatory responses in primary peritoneal macrophages and BV2 microglial cells.

(A–C) qPCR analysis of *Gpr83*, *Adm2*, and *Akt* mRNA expression in PEMs under indicated conditions (n = 5 per group). (D–G) qPCR analysis of pro-inflammatory cytokines *IL-6*, *IL-1β*, *Tnf-α*, and anti-inflammatory cytokine *IL-10* in PEMs under indicated conditions (n = 5 per group). (H–K) qPCR analysis of pro-inflammatory cytokines *IL-6*, *IL-1β*, *Tnf-α*, and anti-inflammatory cytokine *IL-10* in BV2 microglial cells under indicated conditions (n = 5 per group). Data are presented as mean ± SD. Statistical significance was determined by one-way ANOVA with Tukey's post-hoc test (*p < 0.05, **p < 0.01, ***p < 0.001, ****p < 0.0001).