



**Fig. S3. Crocin II antagonizes Angptl8-induced lipid accumulation in mouse PHs.** Mouse PHs were pre-incubated with 100 μM Crocin II for 2 h, and then treated with 100 μM Crocin II and 40 nM recombinant Angptl8 for 24 h. (A) ORO staining and Nile Red staining. Scale bar = 25 μm. (B) The relative area and fluorescence

intensity of lipid droplets. (C) Intracellular TG contents. (D) The relative mRNA expression of *Fasn*, *Dgat1* and *Cidea*. (E) The relative mRNA expression of *Atgl* and *Hsl*. (F) The relative mRNA expression of *Ppar- $\alpha$* , *Acox1* and *Cpt1a*. (G) The protein levels of Fasn, Cidea and Atgl. (H) The quantitative analysis of protein levels of Fasn, Cidea and Atgl. n = 3, n.s., no significance, \* $P < 0.05$  and \*\* $P < 0.01$  v.s. CTL group, ### $P < 0.01$  v.s. 40 nM Angptl8 group, one-way ANOVA followed by Bonferroni's *posthoc* test. All values are presented as the mean  $\pm$  SD.