

Supplementary Figures

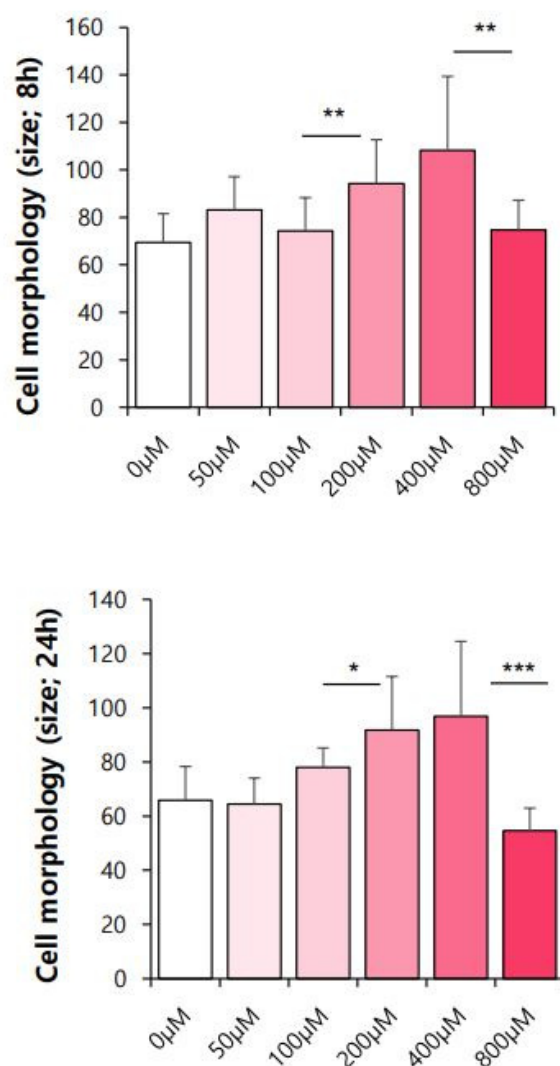


Figure S1. Analysis of cellular size hepatocyte with CDCA. HepG2 was exposed to CDCA and change of cellular morphology was analyzed by image J. The values shown are means $\pm$ standard deviations of three independent experiment, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$.

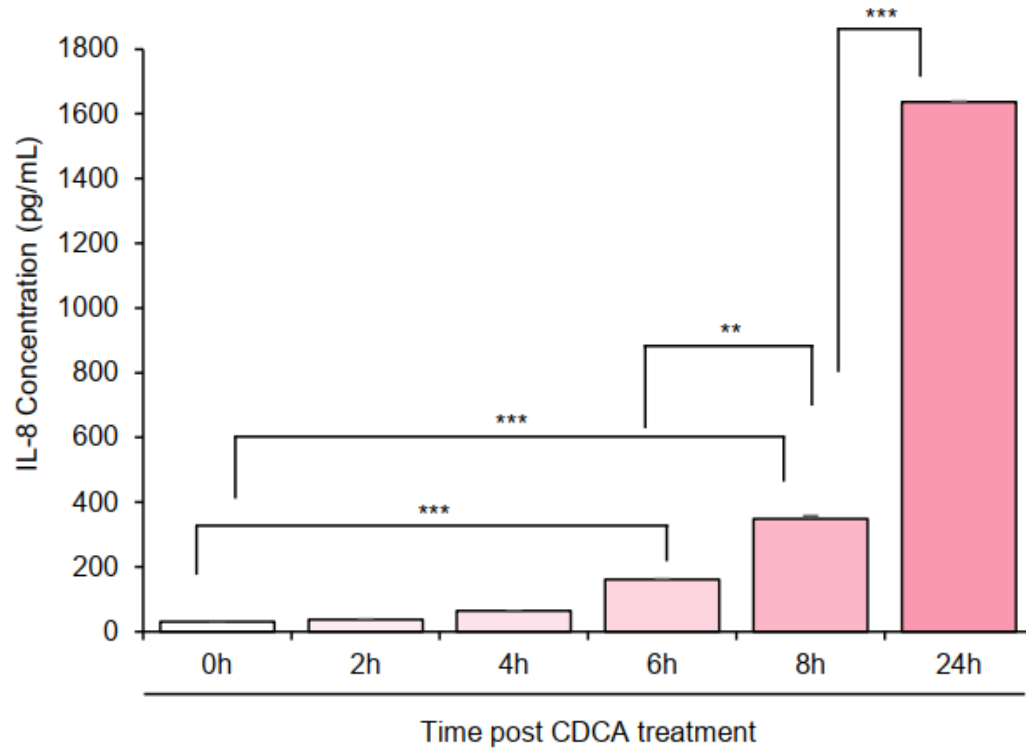


Figure S2. The effect of CDCA on secretion of IL-8 on HepG2. HepG2 was exposed to 200 μ M CDCA. The CM of HepG2 was collected at 0, 2, 4, 6, 8, and 24h from CDCA treatment. Then, IL-8 concentration in CM was investigated by ELISA. The values shown are means $\pm$ standard deviations of three independent experiments, **P < 0.01, ***P < 0.001.

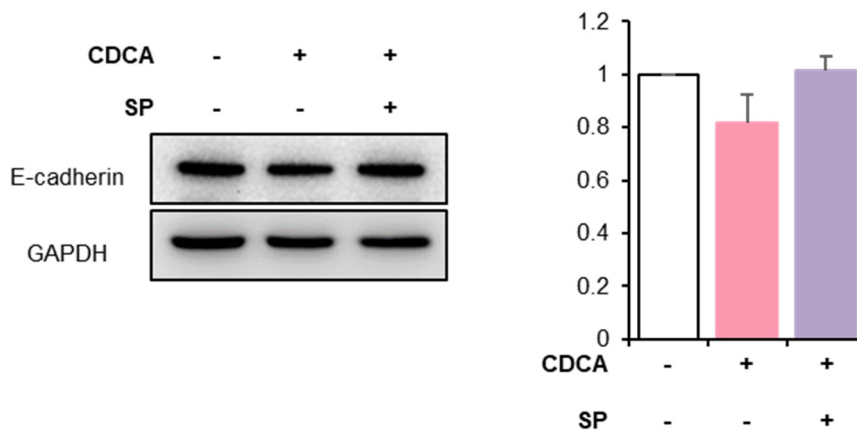


Figure S3. SP blocks CDCA-reduced E-cadherin expression. SP was treated to HepG2 that was incubated with CDCA for 8h. At 24 post CDCA treatment, HepG2 was lysed and expression of E-cadherin was analyzed by western blot. The values shown are means $\pm$ standard deviations of three independent experiments.

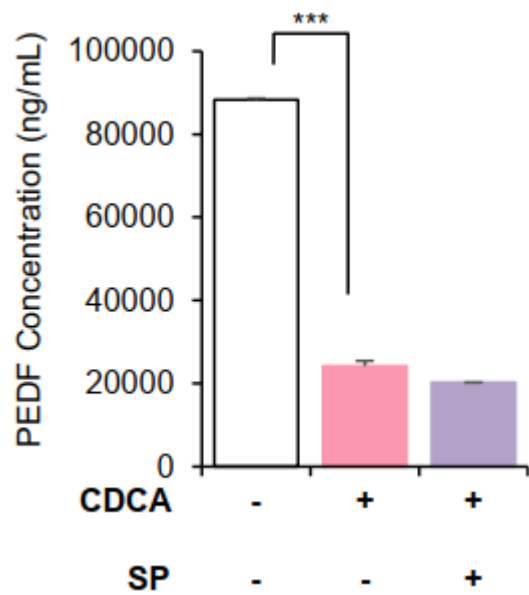


Figure S4. The effect of SP on PEDF secretion in HepG2 under CDCA stimulation. HepG2 was exposed to CDCA for 8h, followed by SP treatment. After 24h after CDCA treatment, CM of HepG2 was collected. PEDF concentration was assessed by ELISA kit. The values shown are means $\pm$ standard deviations of three independent experiments, *** $P < 0.001$.