



SUPPLEMENTARY FIG. S5. NaHS inhibited hepatic hepcidin via SIRT1 in mice injected with IL-6. C57BL/6 mice were pretreated with NaHS for 3 days (6 mg/kg/day). EX-527 (10 mg/kg) was applied 1 h before the last NaHS injection. Mice were sacrificed 6 h after IL-6 (25 µg/g) challenge. (A) NaHS attenuated the hepatic *Hamp* level, which was abolished by EX-527 ($n=6$). (B) EX-527 diminished the improvement of serum iron by NaHS ($n=6$). (C) Inhibition of SIRT1 by EX-527 reversed STAT3 acetylation and phosphorylation ($n=6$). GAPDH served as the loading control. Representative immunoblots are presented. Data are represented as the mean \pm SEM of three individual experiments. ^{##} $p < 0.01$ compared with the control group; ^{*} $p < 0.05$ and ^{**} $p < 0.01$ compared with the IL-6 group; [&] $p < 0.05$ compared with the IL-6 + NaHS group.