



**Figure S1: The histopathological changes in intestines of the *Lp* infected mice treated with different agents.**

A, showed the H&E pictures of mice with mock infection (upper), *Lp* infection (middle), or *Lp* infection with the MTR treatment (lower).

B, showed the H&E pictures of *Lp* infected mice with (lower)/without (upper) IL-6R Ab treatment.

C, showed the H&E pictures of *Lp* infected mice treated with control sera (upper), anti-IFN- $\gamma$  Ab (middle), or anti-IFN- $\gamma$  Ab + IL-6R Ab (lower).