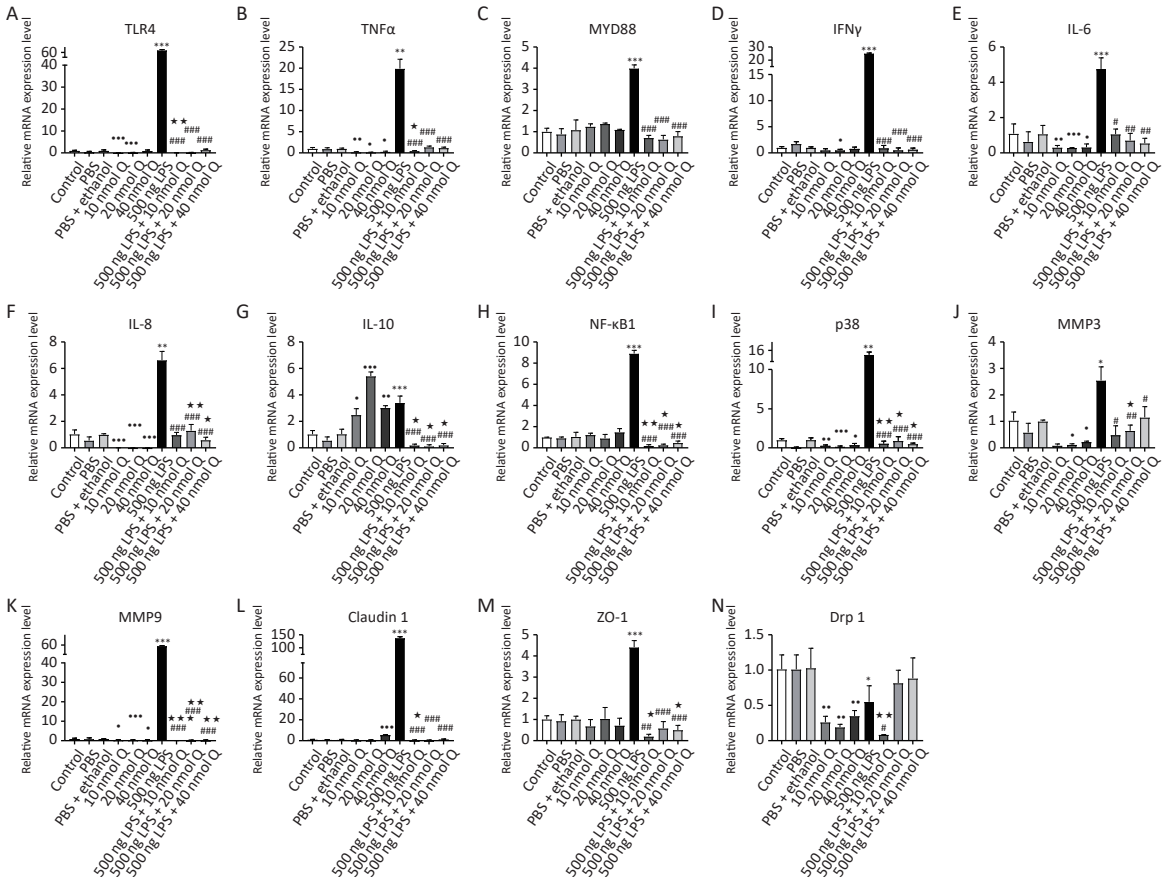
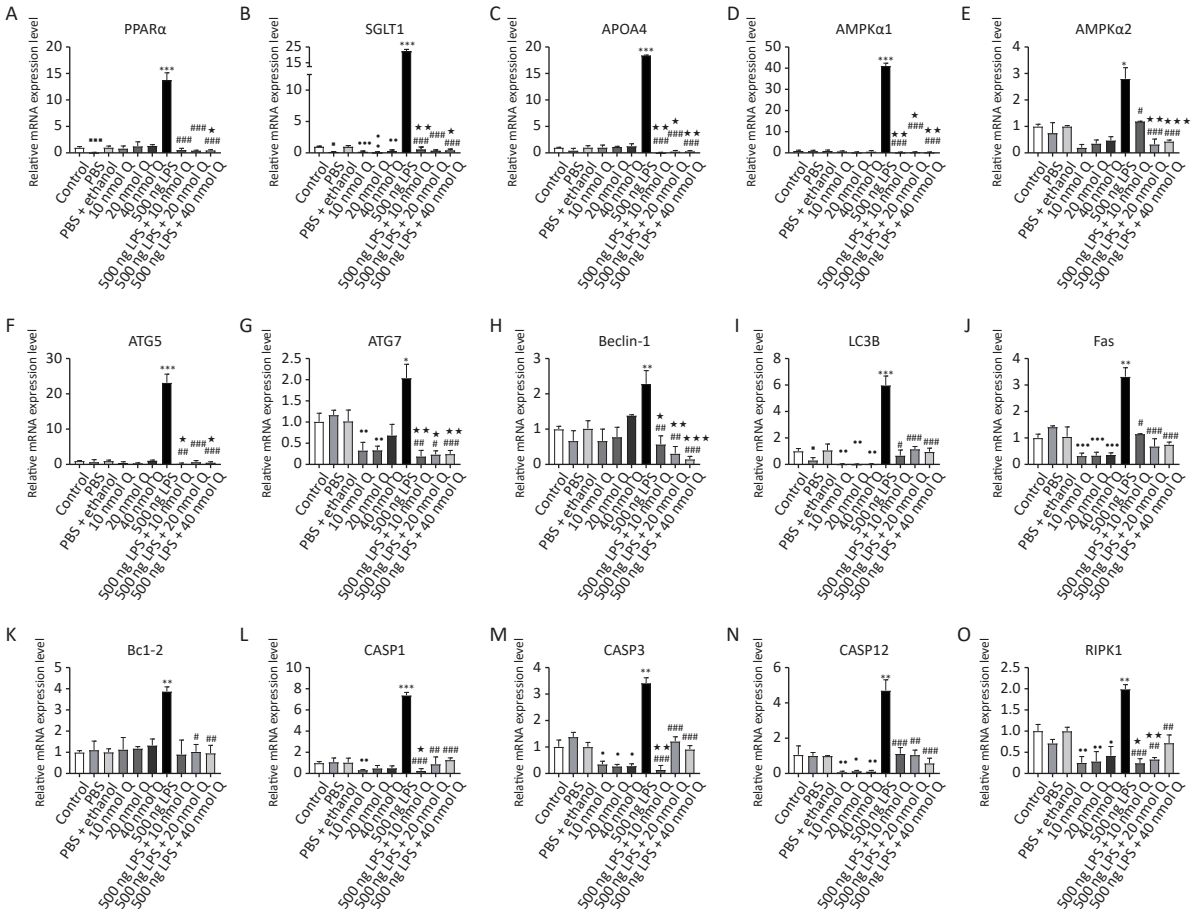
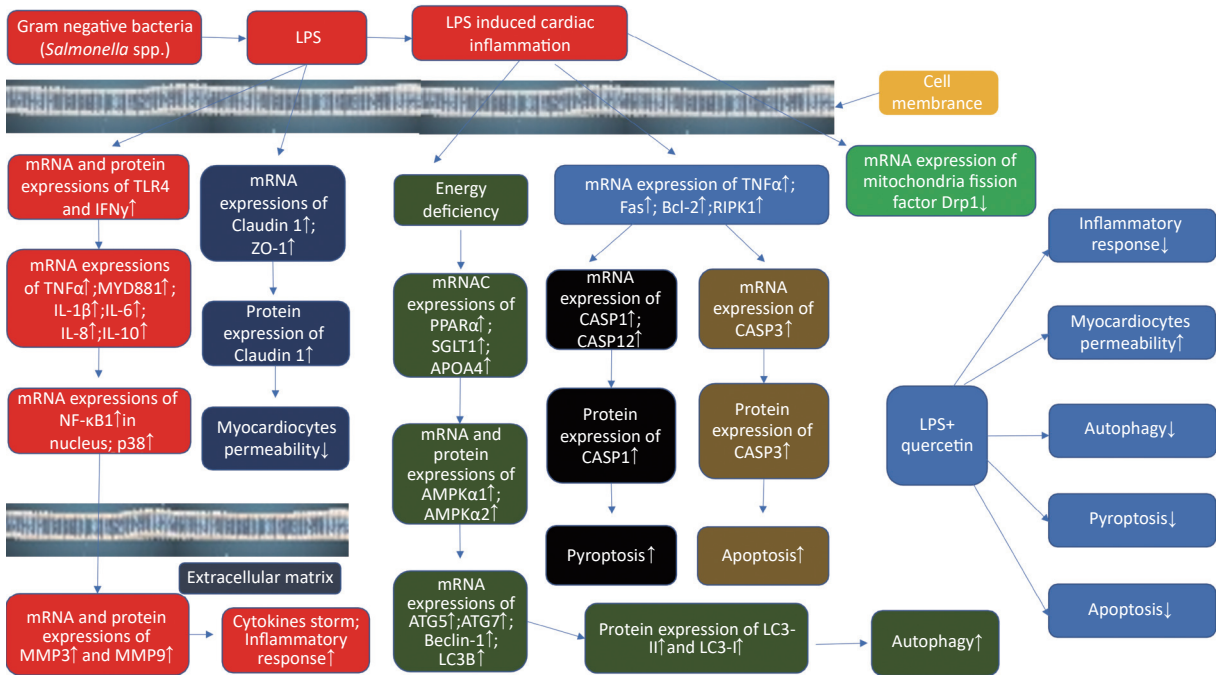


Supplementary Figure S1. Quercetin alleviates the mRNA expressions of inflammatory associated factors induced by LPS in the hearts of chicken embryos. Data are presented as the mean ± SD. *Indicates the significant differences between the PBS group and the LPS group; #Indicates the significant differences between the LPS group and the (LPS + Q) group; ★Indicates the significant differences between the (PBS + ethanol) group and the (LPS + Q) group; •Indicates the significant differences between the (PBS + ethanol) group and the Q (quercetin) group.



Supplementary Figure S2. Qercetin ameliorates LPS-induced cardiac autophagy and programmed cell death in chicken embryos. The abbreviation and annotation is the same as Table 1 and Figure 2 Data are presented as the mean ± SD. *Indicates the significant differences between the PBS group and the LPS group; #Indicates the significant differences between the LPS group and the (LPS + Q) group; ★Indicates the significant differences between the (PBS + ethanol) group and the (LPS + Q) group; •Indicates the significant differences between the (PBS + ethanol) group and the Q (quercetin) group.



Supplementary Figure S3. The schematic figure on quercetin attenuate cardiac inflammation, autophagy, pyroptosis, and apoptosis after LPS induction in chicken embryos.