

























**FIG. 5. a-d.** Metformin suppresses apoptosis-related proteins expression in I/R-injured rat liver. Representative immunoblots (A) and quantitative analysis of Bax (B), Bcl-2 (C) and active caspase-3 (D) in HFD-fed rats after I/R and metformin treatment. N=3, One-Way ANOVA, \*\*p value < 0.01 compared with the HFD group, #p value < 0.05 compared with the HFD-IR group.