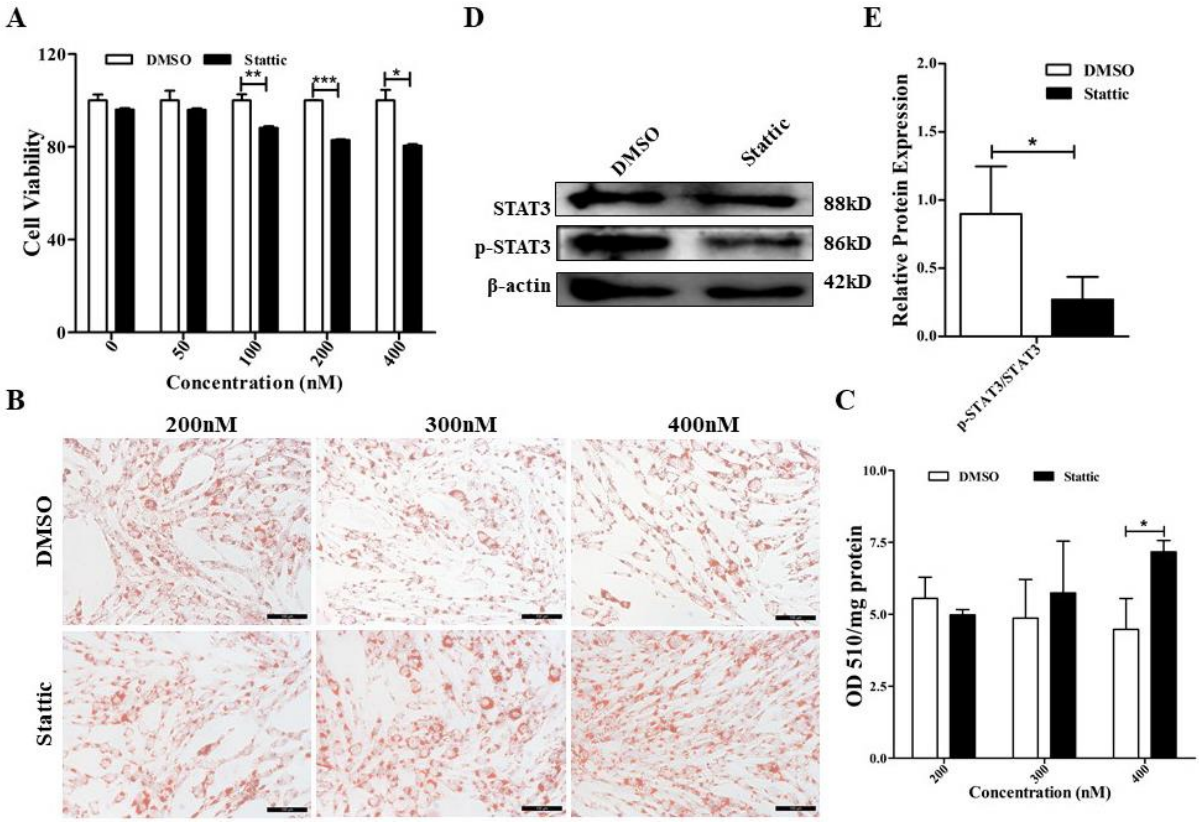
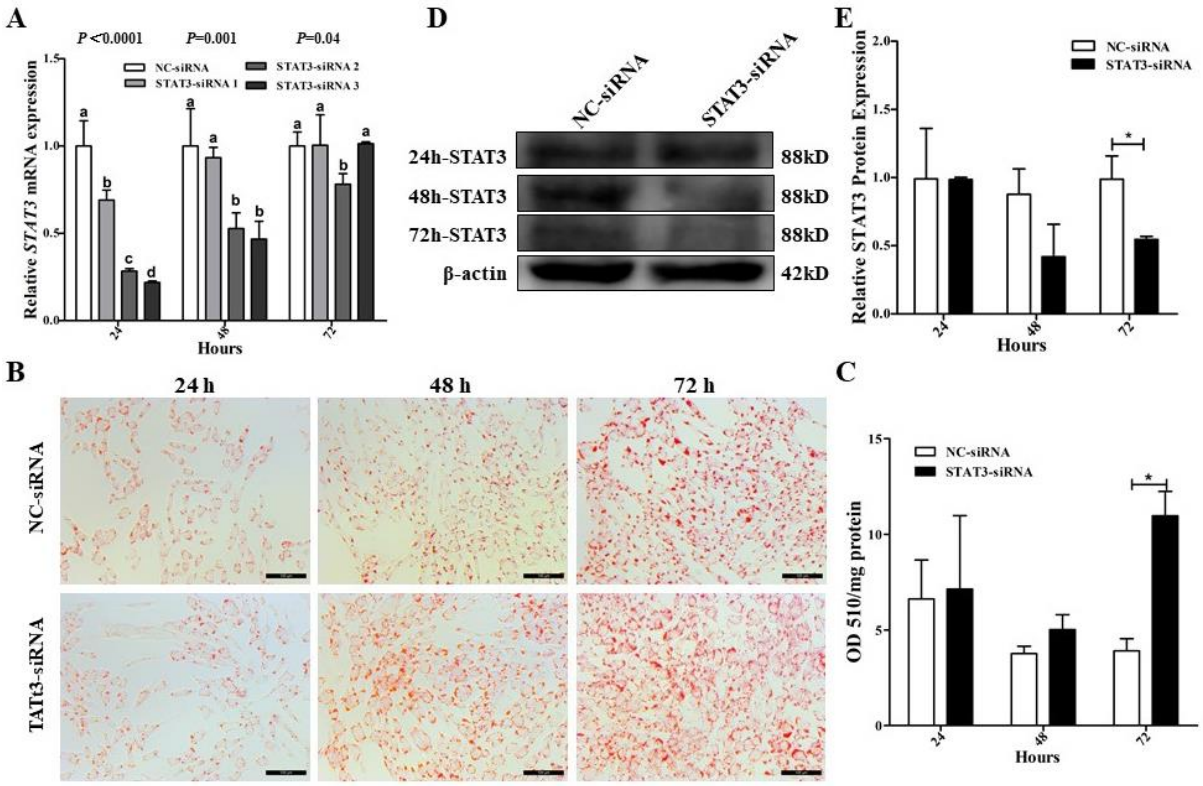


Appendix A. Screening of the concentration of STAT3 inhibitor. A, after 72 h of inhibitor treatment, a CCK-8 assay was performed to reveal the effect of Stattic on the viability of ICP2 cells. B and C, Oil red O staining and colorimetric extraction to detect the effect of Stattic on lipid droplet deposition in ICP2 cells. D and E, Western blot analysis to detect the effect of Stattic on the phosphorylation of STAT3 in ICP2 cells. ICP2 cells were photographed under a light microscope (scale bars: 200 μm). Data are presented as the mean ± SD, n=3. *, P<0.05; **, P<0.01; ***, P<0.001.



Appendix B. Screening of STAT3 interference fragments. A, RT-qPCR to detect the interference efficiency of STAT3-siRNA. B and C, Oil red O staining and colorimetric extraction to detect the effect of knockdown of STAT3 on ICP2 lipid droplet deposition. D and E, Western blot analysis to detect the effect of knockdown of STAT3 by transfection on the expression of STAT3 protein in ICP2 cells. ICP2 were photographed under a light microscope (scale bars: 200 μm). Data are presented as the mean ± SD, n=3. *, P<0.05. Means without a common letter differ (P<0.05). The P-value of the analysis of variance is marked above the graph.