

Figure 1: Flow cytometric analysis of apoptosis rates of MC3T3-E1 cells upon Dex treatment.

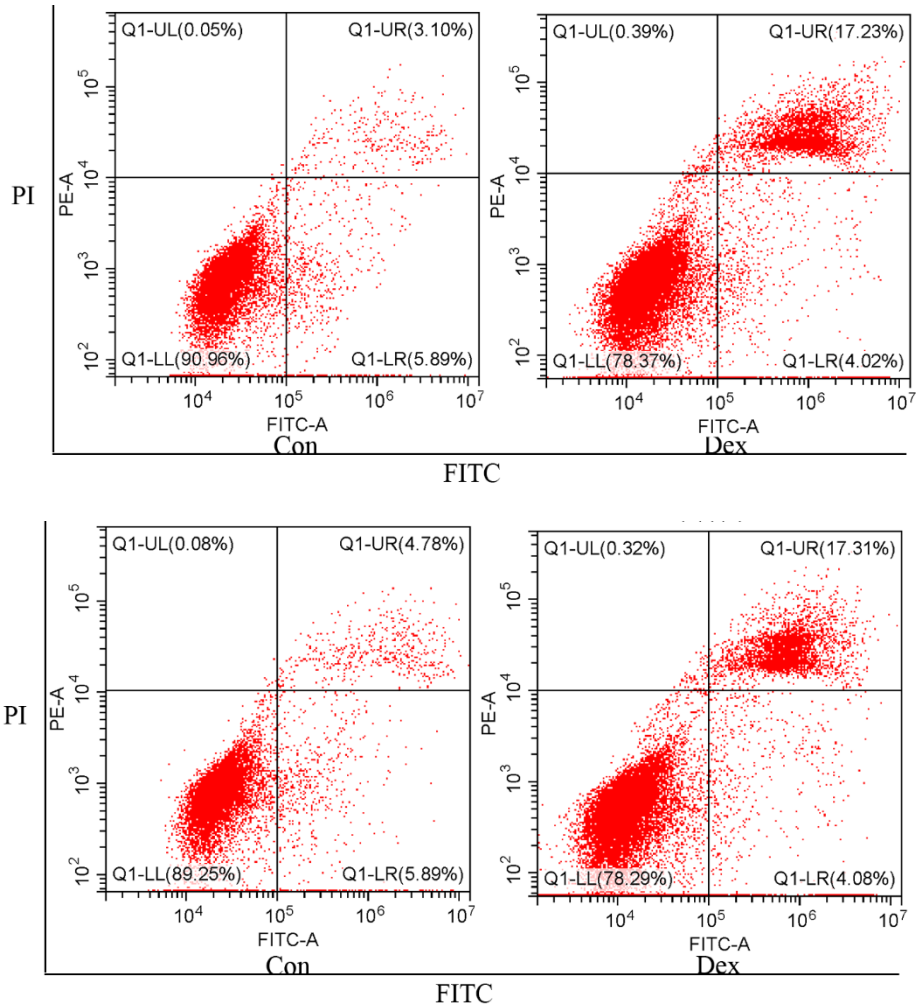
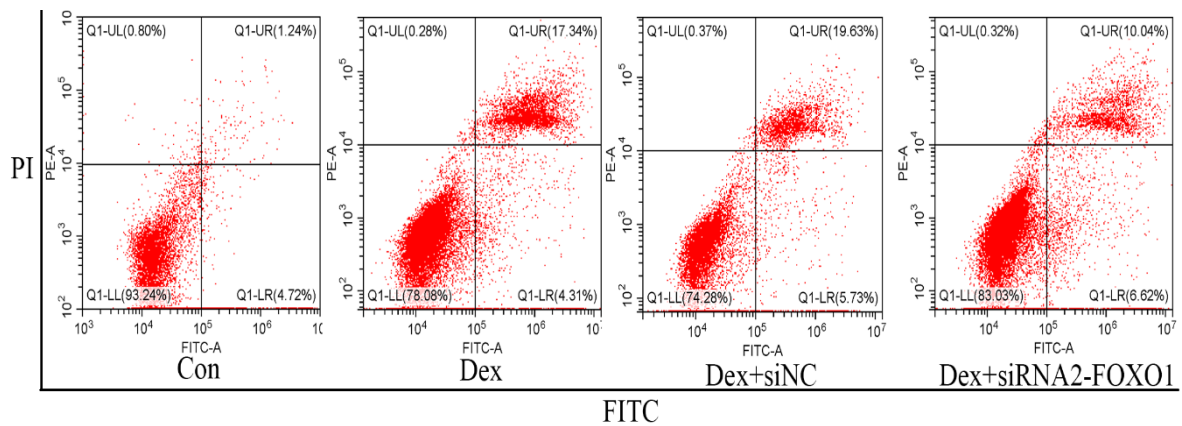


Figure 2: MC3T3-E1 cell apoptosis after 48 h Dex and Foxo1 siRNA treatment as determined using FITC-PI/Annexin V staining.



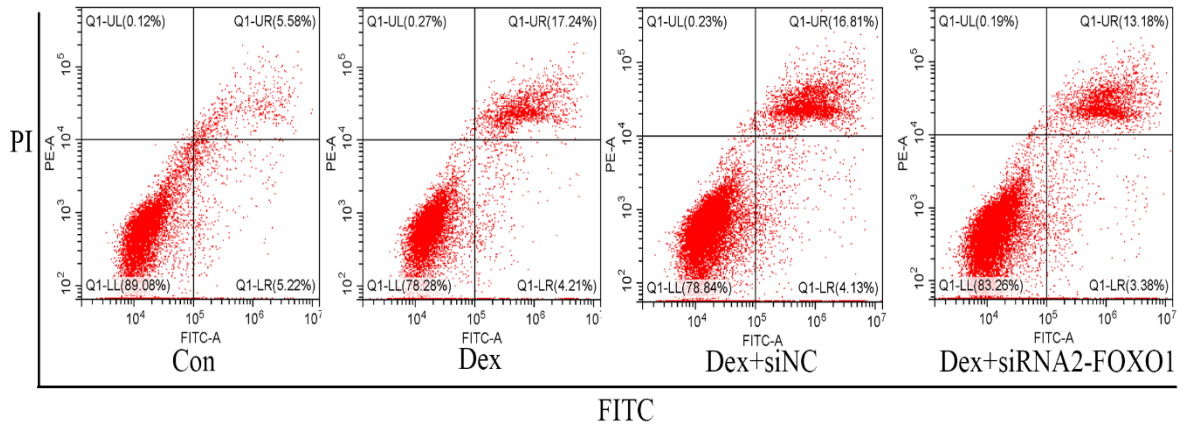


Figure 3: The distribution and expression of FOXO1 protein in the MC3T3-E1 treated with Dex was evaluated by immunofluorescence.

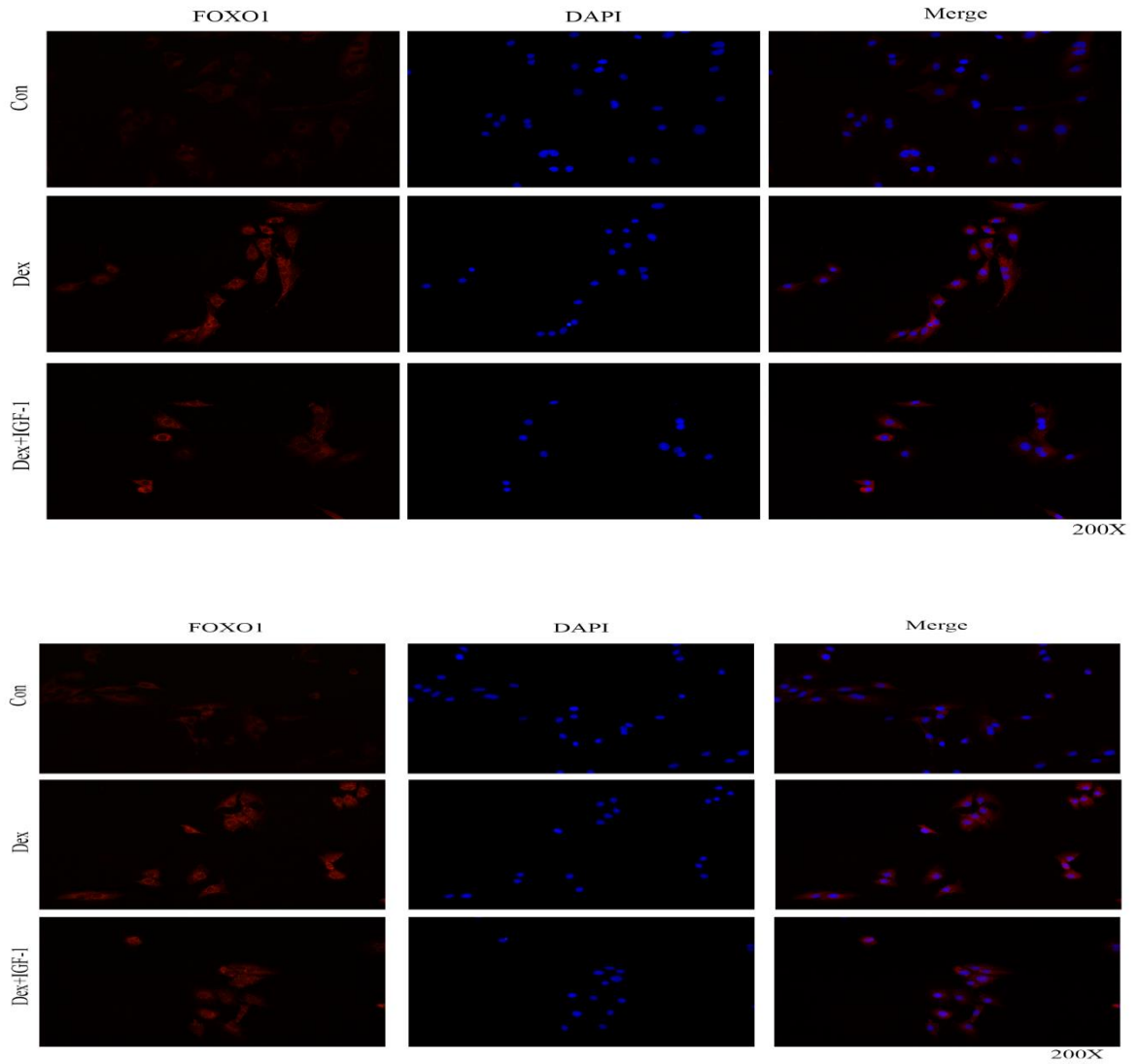


Figure 4: HE staining of femoral heads of rats in the Normal, MPS, and IGF-1+ MPS

group; green arrows indicate empty osteocytic lacunas.

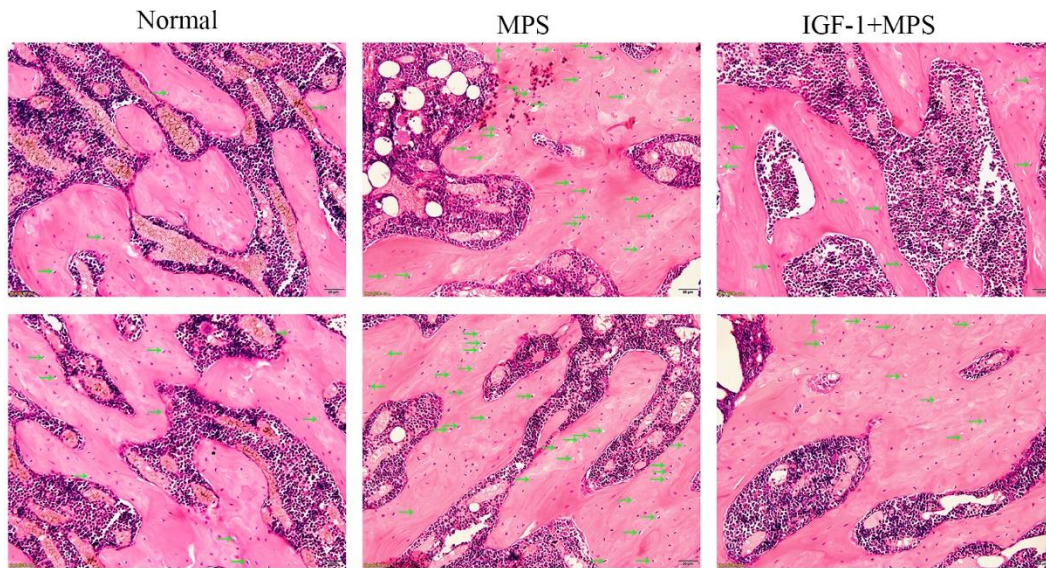


Figure 5: TUNEL staining to detect apoptosis cells; green arrows indicate positive apoptosis cells.

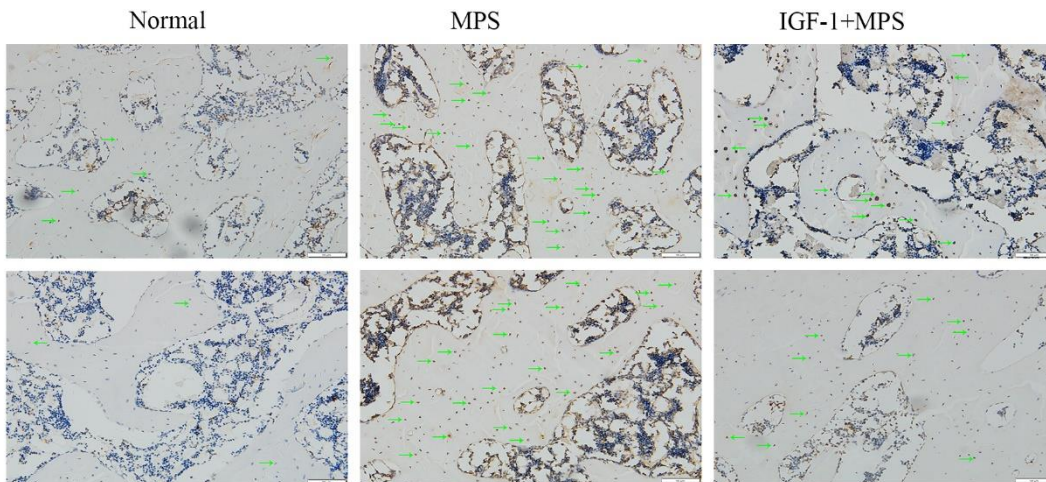


Figure 6: Immunohistochemistry to evaluate the expression of FOXO1 in femoral heads of rats; green arrows indicate FOXO1-positive cells that are stained as brown dots.

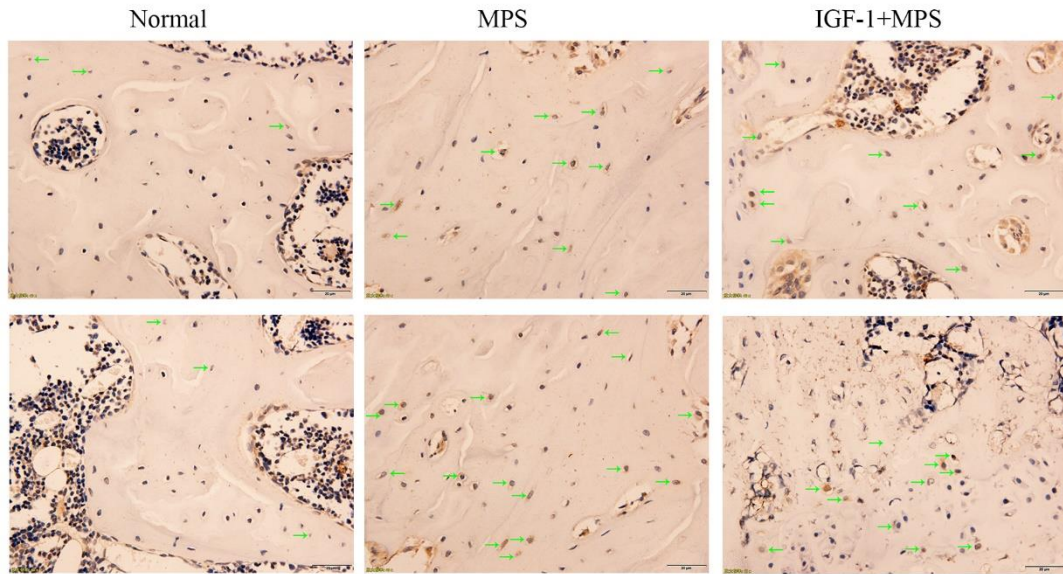


Figure 7: Micro-CT analysis of femoral heads of rats in the Normal, MPS, and IGF-1+ MPS group.

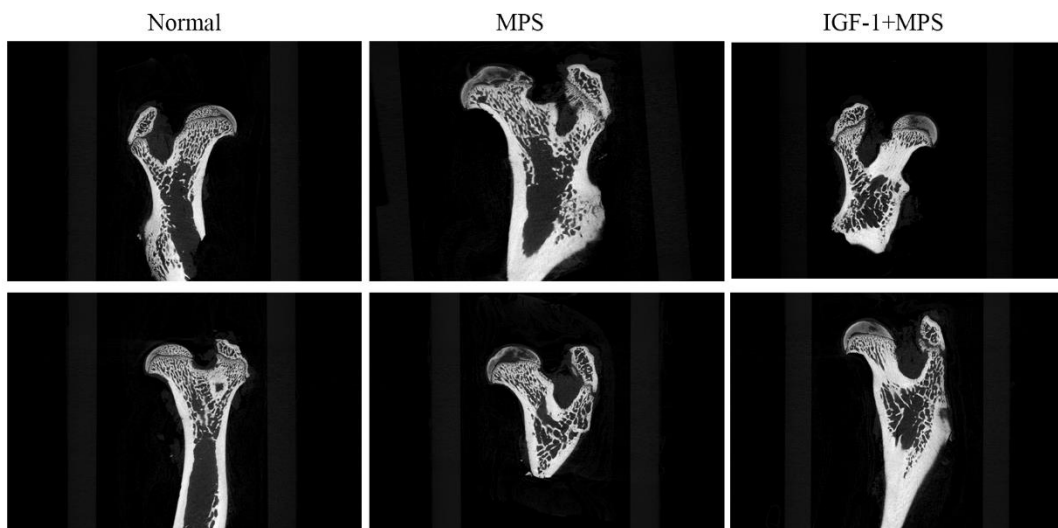
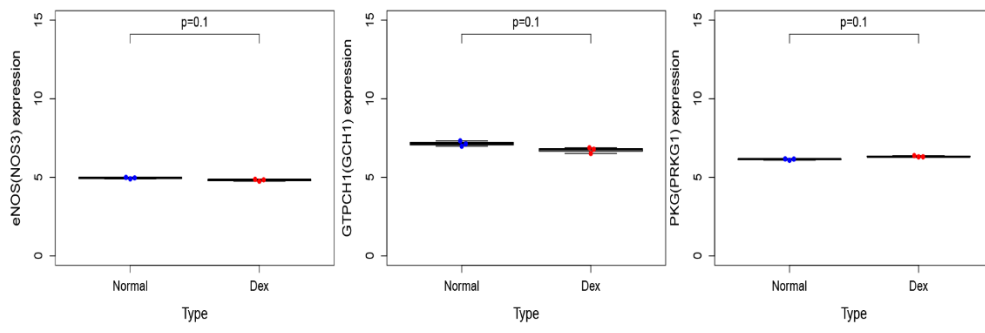


Figure 8: The mRNA expression of NOS3, GCH1, and PRKG1 in GSE10311 and GSE21727.

GSE10311



GSE21727

