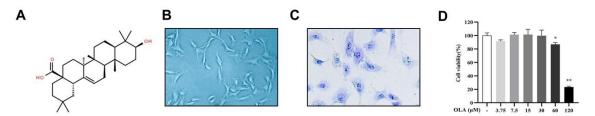
## Supplementary material



**Supplementary material 1**. Effect of OLA on chondrocyte viability. (A) Chemical structure of OLA. (B) Morphological observation of second-generation chondrocytes (100x). (C) Toluidine blue staining image (100x) of second-generation chondrocyte. (D) CCK-8 method to observe the activity of chondrocytes treated with different doses of OLA for 24 h. Data are presented as the means  $\pm$  SD (n = 3). \*P < 0.05 and \*\* P < 0.01 compared to the control group.