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Electronic Supporting Information

Effect of direct loading of phytoestrogens into calcium phosphate scaffolds on osteoporotic bone tissue regeneration

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SI 1. Effect of alendronate and quercetin with different amount (1-200 μ M) on proliferation of both MC3T3-E1(upper) and RAW 264.7 with RANKL (lower) at 1, 3, 5 days of culturing



SI 2. Comparison of top- and edge-view of fluorescence microscope images ($\times 10$) of CDHA and Q₂₀₀-CDHA scaffolds after five days of MC3T3-E1 (osteoblast) cell culturing



SI 3. Comparison of nuclear staining images (\times 10) of CDHA and Q₂₀₀-CDHA scaffolds after five days of RAW 264.7 with RANKL (osteoclast) cell culturing



SI 4. Comparison of fluorescence microscope images (\times 10) of CDHA, A₂₀₀-CDHA, and Q₂₀₀-CDHA scaffolds after three days of MC3T3-E1 (osteoblast) cell (upper) and RAW 264.7 with RANKL (osteoclast) cell (lower) culturing



SI 5. Alizarin red S staining images of CDHA without cells and CDHA, Q₁-CDHA, and Q₂₀₀-CDHA scaffolds after day 14.