Inhibition of Osteoclast Differentiation and Bone Resorption by Bisphosphonate-conjugated Gold Nanoparticles

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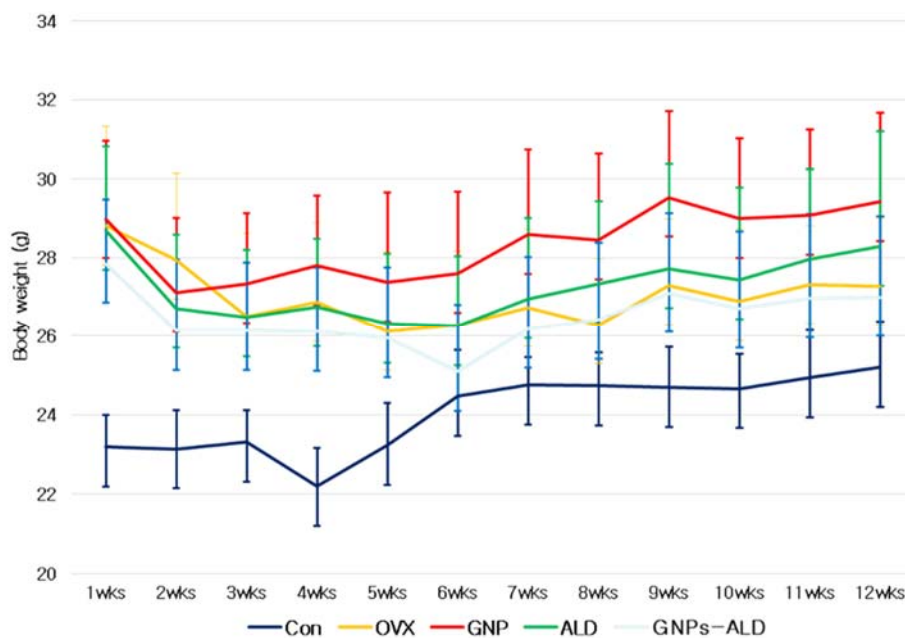
Supplementary Figure captions

Supplementary Figure S1. Body weight changes in control mouse (Con), OVX mouse receiving no treatment (OVX), gold nanoparticles (GNPs), alendronate (ALD) and alendronate-conjugated gold nanoparticles (GNPs-ALD) for 12 weeks. Each point represents the mean ± SD, error bars in the figure are presented as SD, n=8.

Supplementary Figure S2. Micro-computed tomography (μ-CT) image of Con (A), OVX (B), GNPs (C), ALD (D) and GNPs-ALD (C).
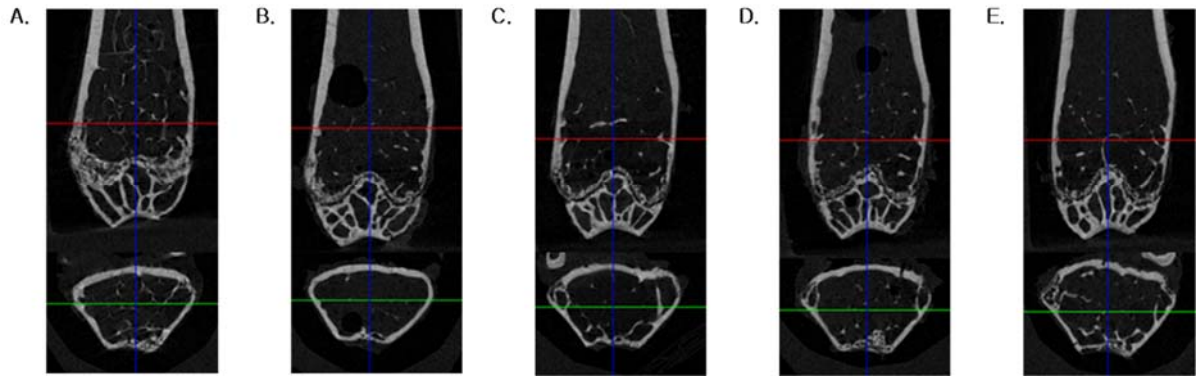
Supplementary Figure S3. Evaluation of cytotoxicity of BMM cells on high concentrations of GNPs (A) and ALD (B). Results are mean ±SD of triplicate experiments.

Supplementary Figures

S1.

S2.

S3.