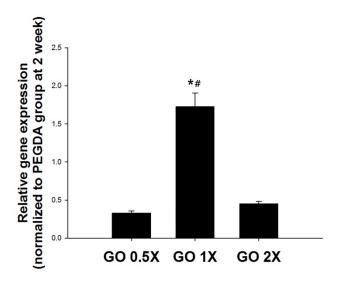
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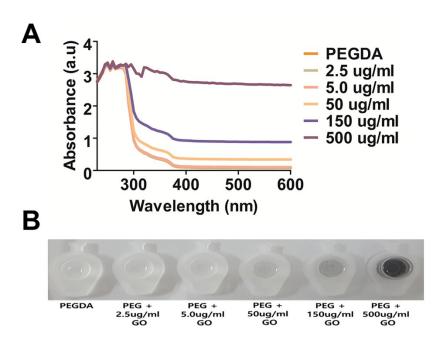
Supplementary Figure 1. Relative OP gene expression of hADSCs encapsulated with different concentration of GO at 2 weeks (n=3 per group, * p < 0.05 versus GO 0.5X, # p < 0.05 versus GO 2X).

Supplementary Figure 2. (A) UV-Vis spectrometer according to GO concentration and (B) its image.

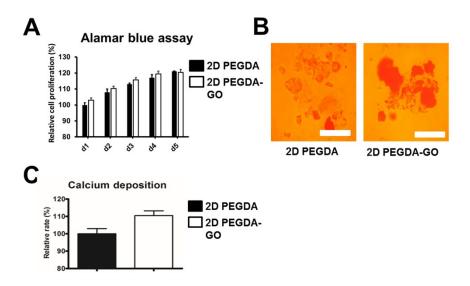
Supplementary Figure 3. hADSC culture on 2D PEGDA and PEGDA-GO. (A) Cell proliferation rate (B) ARS staining and (C) its quantitative analysis (Scale bar = 50 μm).



Supplementary figure 1



Supplementary figure 2



Supplementary figure 3