Electronic Supplementary Material (ESI) for Journal of Materials Chemistry B.
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Supplemental Data

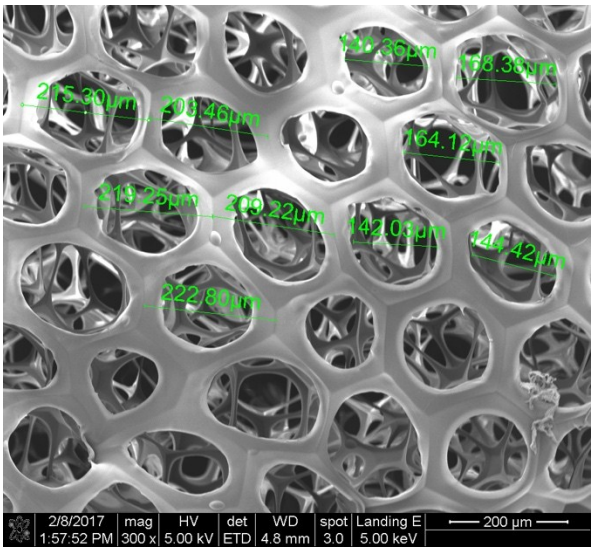

Figure S1. A D150 scaffold observed under SEM.

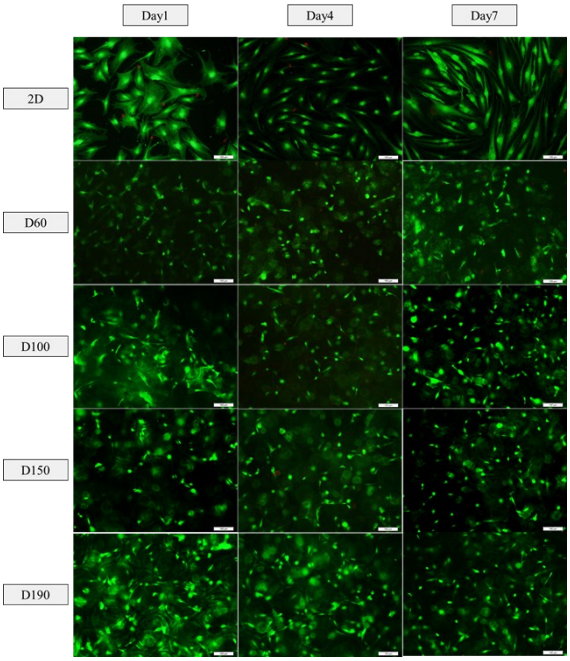

Figure S2. LIVE/DEAD staining for hASCs in 3D microbubble scaffolds with of different pore sizes after 1, 4 and 7 days culturing. Green fluorescence represents live cells while red fluorescence indicates dead cells. Scale bar = 100 μm.

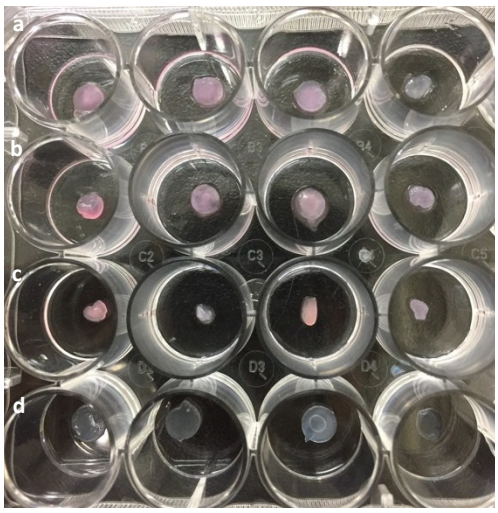

Figure S3. Appearance of the scaffolds with cells after (a)7 days (b)14 days (c)21 days of chondrogenic differentiation and (d)the original appearance. Left to right: D60, D100, D150 and D190 groups.

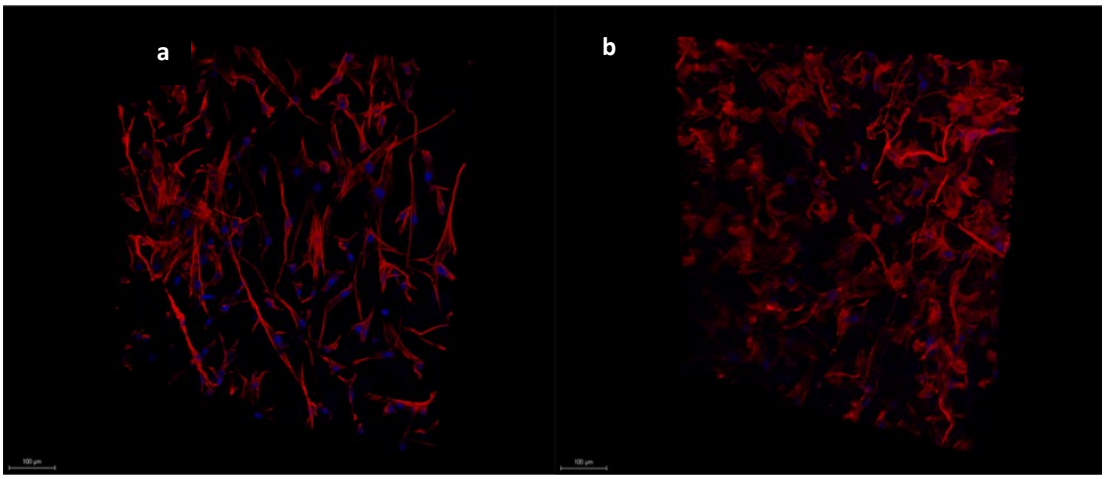

Figure S4. Confocal images of D60 group scaffold after (a) 1 day and (b) 7 days of cell culturing in growth medium. Scale bar:100 μm

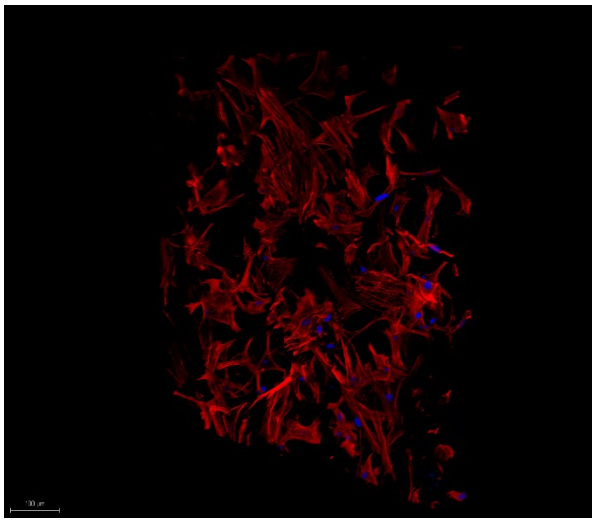

Figure S5. Confocal image of D100 group scaffold after 7 days of cell culturing in growth medium Scale bar: 100 µm

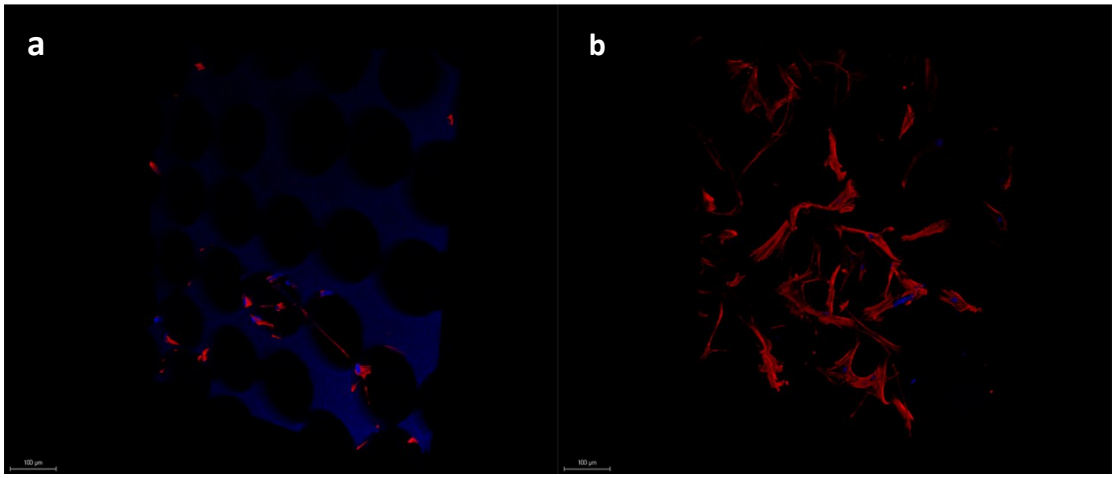

Figure S6. CONFOCOL 3D images of D150 group scaffold after (a) 1 day and (b) 7 days of cell culturing in growth medium.

Scale bar: 100 µm

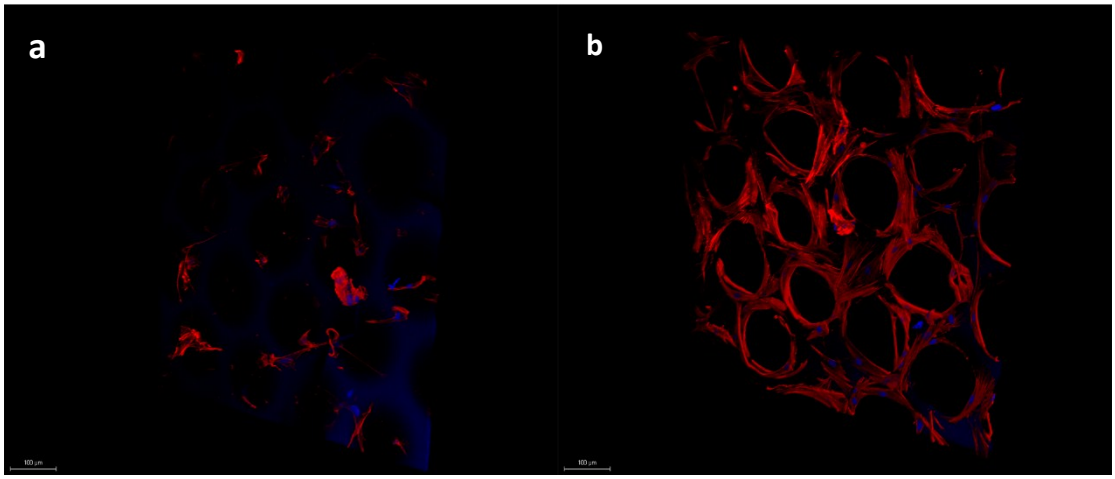

Figure S7. CONFOCOL 3D images of D190 group scaffold after (a) 1 day and (b) 7 days of cell culturing in growth medium.

Scale bar: 100 µm