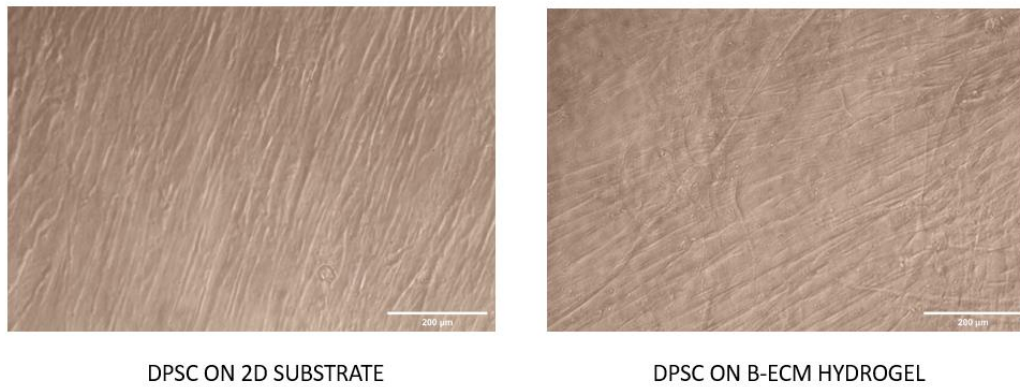


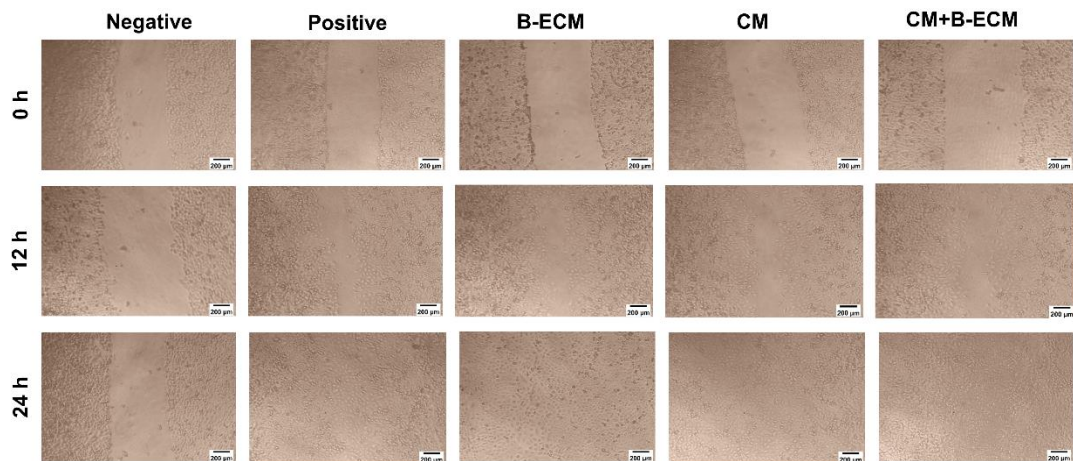
## SUPPLEMENTARY MATERIALS

**Table S1.** Primer sequence

Target gene	Forward primer (5' to 3')	Reverse primer (5' to 3')
TNF- $\alpha$	GGTGCCTATGTCTCAGCCTCTT	GGTGCCTATGTCTCAGCCTCTT
IL-10	CGGGAAGACAATAACTGCACCC	CGGGAAGACAATAACTGCACCC
GAPDH	CATCACTGCCACCCAGAAGACTG	ATGCCAGTGAGCTTCCCGTTCAG



**Figure S1.** Optical image of DPSC cultured on 2D substrate and on B-ECM hydrogel (scale bar = 200  $\mu\text{m}$ ).



**Figure S2.** Optical image of wound healing assay of A549 cells after 12 and 24 h (scale bar = 200  $\mu\text{m}$ ).