

Supporting information

SI Table1 Primer sequences used for qRT-PCR gene expression analysis

Gene	5'-3'	Primers
Collagen I	Sense	5'-ATGCCGCGACCTCAAGATG-3'
	Anti-sense	5'-TGAGGCACAGACGGCTGAGTA-3'
Collagen III	Sense	5'-AGGTCCTGCGGGTAACT-3'
	Anti-sense	5'-ACTTTCACCCTTGACACCCTG-3'
α -SMA	Sense	5'-ACCCAGATTATGTTTGAGACC-3'
	Anti-sense	5'-CCGTCAGGCAGTTCGTAG-3'
VEGF	Sense	5'-CTTGTTTCAGAGCGGAGAAAGC-3'
	Anti-sense	5'-ACATCTGCAAGTACGTTCGTT-3'
VEGF-receptor1	Sense	5'-AGGCTGCTGTAACGATGAAG-3'
	Anti-sense	5'-TATGTGCTGGCTTTGGTGAG-3'
HIF-1 α	Sense	5'-TTCACCTGAGCCTAATAGTCC-3'
	Anti-sense	5'-CAAGTCTAAATCTGTGTCCTG-3'
TGF- β 1	Sense	5'-GAGAAGCGGTACCTGAACCC-3'
	Anti-sense	5'-GGTTGCTGAGGTATCGCCAG-3'
GAPDH	Sense	5'-TGGATGGCCCCTCCGGGAAA-3'
	Anti-sense	5'-AGTGGGGACACGGAAGGCCA-3'
SCF	Sense	5'-CCTTAGGAATGACAGCAGTAGC-3'
	Anti-sense	5'-AGCCAATTACAAGCGAAATGAG-3'
SDF-1 α	Sense	5'-GAGAGCCACATCGCCAGAG-3'
	Anti-sense	5'-TTTCGGGTCAATGCACACTTG-3'
HSP-90 α	Sense	5'-GGACCAGGTTGCTAACTCCG-3'
	Anti-sense	5'-GGTCTTGCCCTCAAATTCCTT-3'

Fig. S1. Fiber diameter distribution of nanofibrous wound dressings.

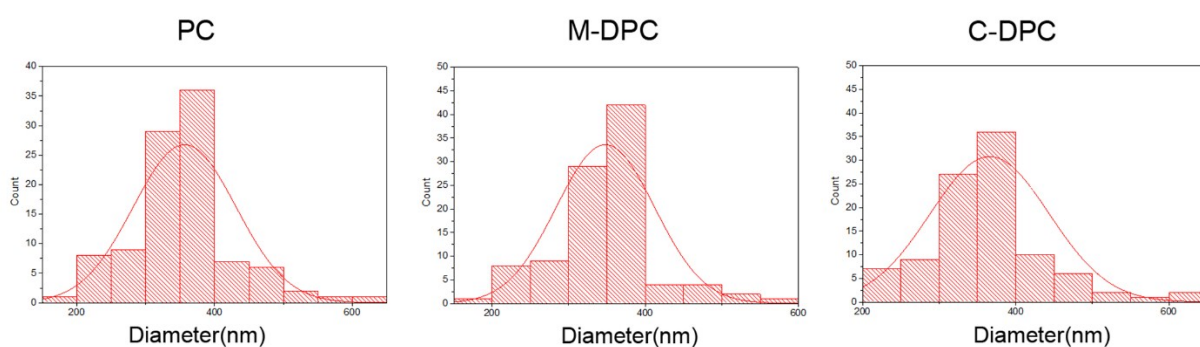


Fig. S2. Degradation of nanofibrous wound dressings for 7 days. A) Representative SEM images; B) Fiber diameter distribution.

