

Supplementary information

Self-assembled cell sheets composed of mesenchymal stem cell and gelatin nanofiber for treatment of full thickness wounds

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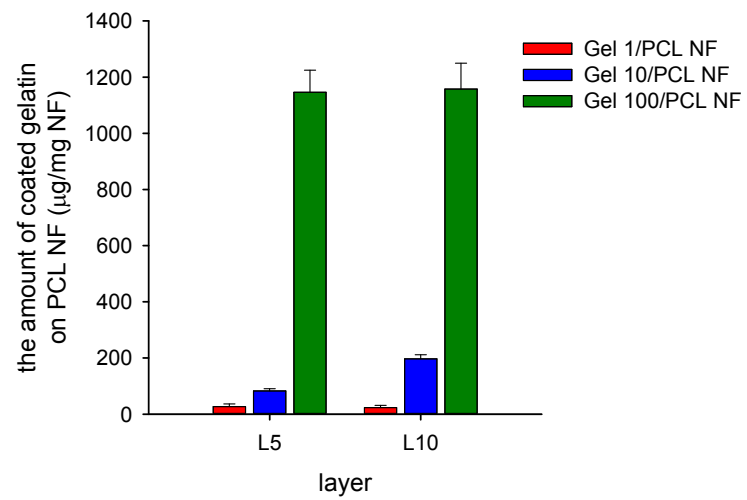


Figure S1. Quantification of the amount of coated gelatin in Gel 1/PCL NF, Gel 10/PCL NF, and Gel/PCL NF to optimize the number of maximum layer on surface of the PCL NF. Gelatin of the 5 layer (L5) and the 10 layer (L10) were layered on PCL NF.

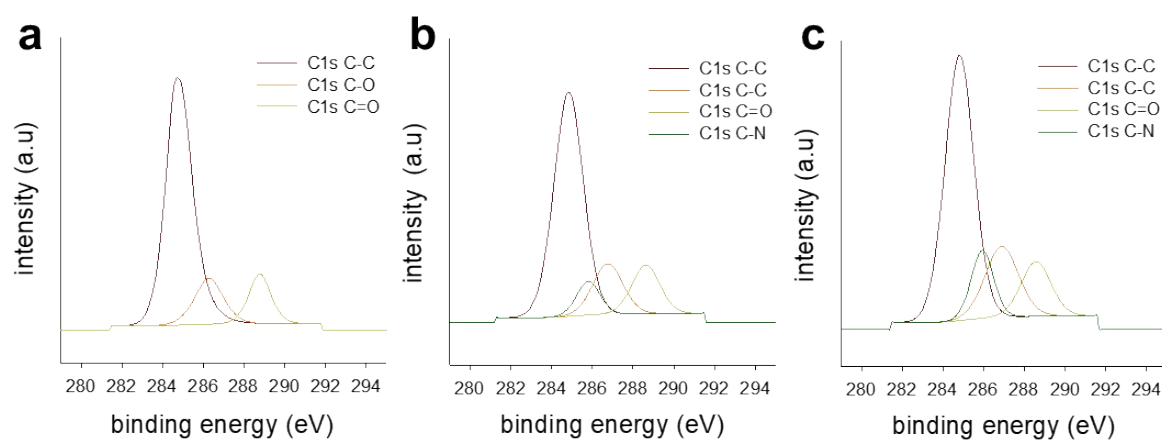


Figure S2. Narrow scan XPS spectrum of C1s on (a) PCL NF, (b) Gel 1/PCL NF, and (c) Gel 100/PCL NF.

gene	primer sequence (5'→3', forward/reverse)
GAPDH	CGT AGA CAA AAT GGT GAA GGT CGG
	AAG CAG TTG GTG GTG CAG GAT G
loricrin	GTC TTT CCA CAA CCC ACA GGA
	TCA CTC ATC TTC CCT GGT GCT
keratin 1	ATA CTG GGC CTT GAC TTC CGA GAT GATG
	GGC TCT CAA AGA TGC CAG AA
keratin 5	TGA CTG GTC CAA CTC CTT CC
	CGC CGC CCC TGG TGT GG
keratin 14	ATC TGG CGG TTG GTG GAG GTCA
	ATC TGG CGG TTG GTG GAG GTCA

Table S1. Primer sequences for qRT-PCR