

Supplementary

A Straightforward Method to Produce Multi-Nanodrug Delivery Systems for Transdermal/Tympanic Patches Using Electrospraying and Electrospray

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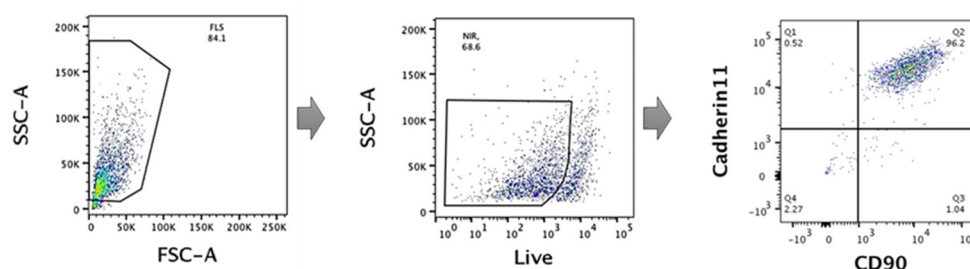


Figure S1. Characterization of human dermal fibroblasts (HDFs). HDFs at passage 3 were stained with Anti-CD90/Thy-1 FITC and anti-Cadherin 11 PE. Cell debris were eliminated in the FSC-SSC gating. Dead cells were excluded after staining with Zombie Aqua fixable dye. As per the expression of CD90 and Cadh-11, HDFs are considered pure at >96%.

Table S1. Statistical analysis results (*p*-values) for the comparisons between HDFs and the different fiber samples: * *p* < 0.05; ** *p* < 0.001; *** *p* < 0.0001.

HDFs versus	2 days	5 days	8 days
PHBHV fibers	***	***	***
PHBHV fibers + PLGA NPs	***	***	***
PHBHV fibers + RHO-loaded PLGA NPs	***	***	***

DEX-loaded PHBHV fibers	*	***	**
DEX-loaded PHBHV fibers + PLGA NPs	***	***	***
DEX-loaded PHBHV fibers + RHO-loaded PLGA NPs	***	***	***
