



SUPPLEMENTARY FIG. S2. (A) A549 cells forming nearly confluent layer on the parenchymal side of the collagen membrane. *Red*, F-Actin (stained by Alexa Fluor 568 Phalloidin); *Blue*, Nuclei (Hoechst). Scale bar: 50 μm . (B) HUVECs adhered to collagen membrane after device has been subjected to media flow at 0.5 mL/min for 3 h. *Green*, CD31; Nuclei (Hoechst). Scale bar: 50 μm .