



Figure S2 Immunofluorescence of COX-2 in vitro perfused endothelial cells. Cultured endothelial cells under flow perfusion at 1 $\mu\text{L}/\text{min}$ have induced COX-2 (purple) expression and reorganization of actin filaments in the direction of the flow (actin, green, original magnification $\times 10$, all scale bars = 400 μm).