

Supplementary Material

Table S1 Size distribution and surface charge of nanoparticles

	PVP/PLGA	PVP-DOX/PLGA-CA4	PCL/PLGA	PCL-DOX/PLGA-CA4
Particle Size (nm)	394.7±35.2	424.4±78.9	606.5±39.9	455.7±103.3
Zeta Potential (mV)	+0.195±0.02	-1.43±0.32	+5.84±1.36	-0.419±0.27

Table S2 Encapsulation efficiencies and drug loading rates of CA4 and DOX in nanoparticles

	PCL-DOX/PLGA-CA4		PVP-DOX/PLGA-CA4	
	CA4	DOX	CA4	DOX
Encapsulation Efficiencies (%)	94.3±7.2	90.2±4.8	89.7±8.8	91.4±5.6

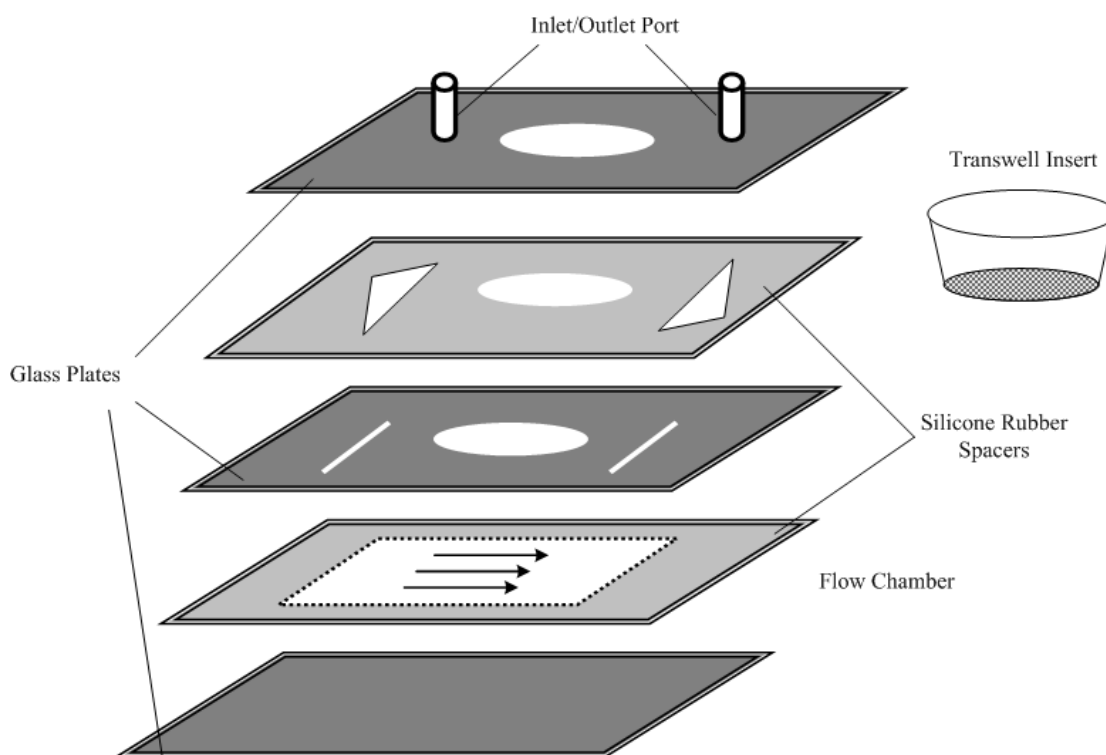


Fig.S1 Schematic of the co-culture parallel-plate flow chamber

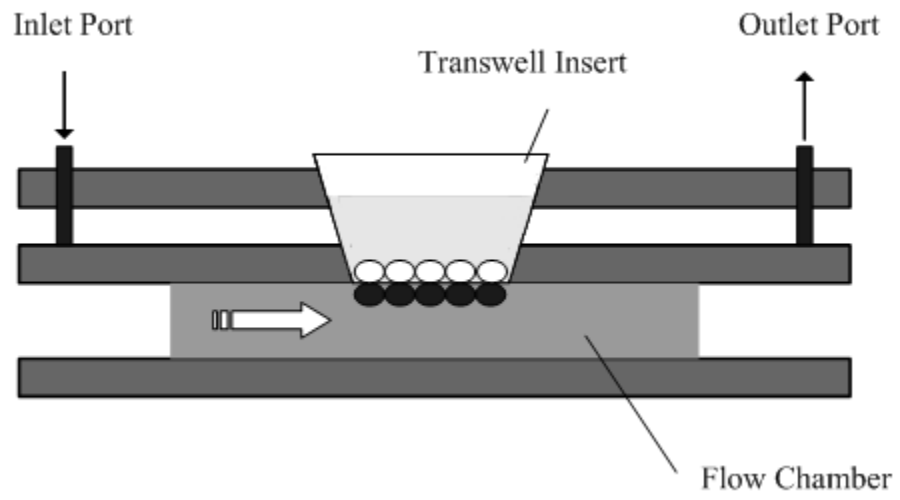


Fig.S2 Schematic of the co-culture parallel-plate flow chamber (side view)