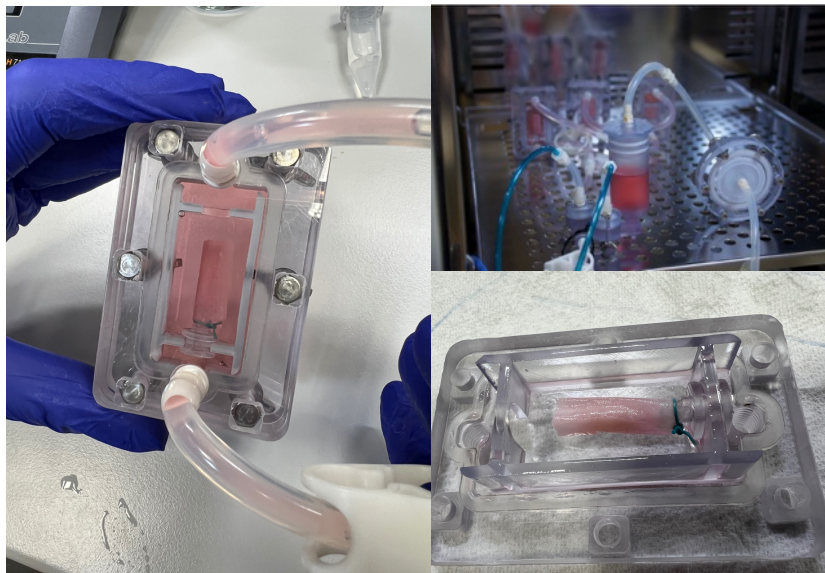


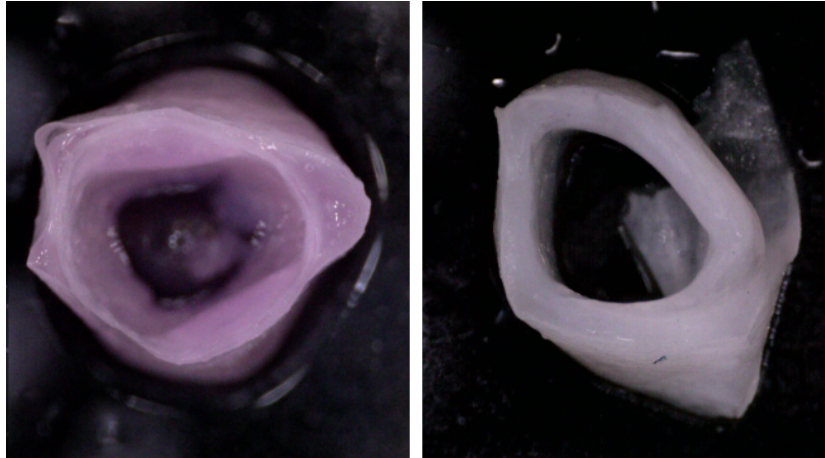
Bioreactors for 3D tissue constructs

Tubular constructs

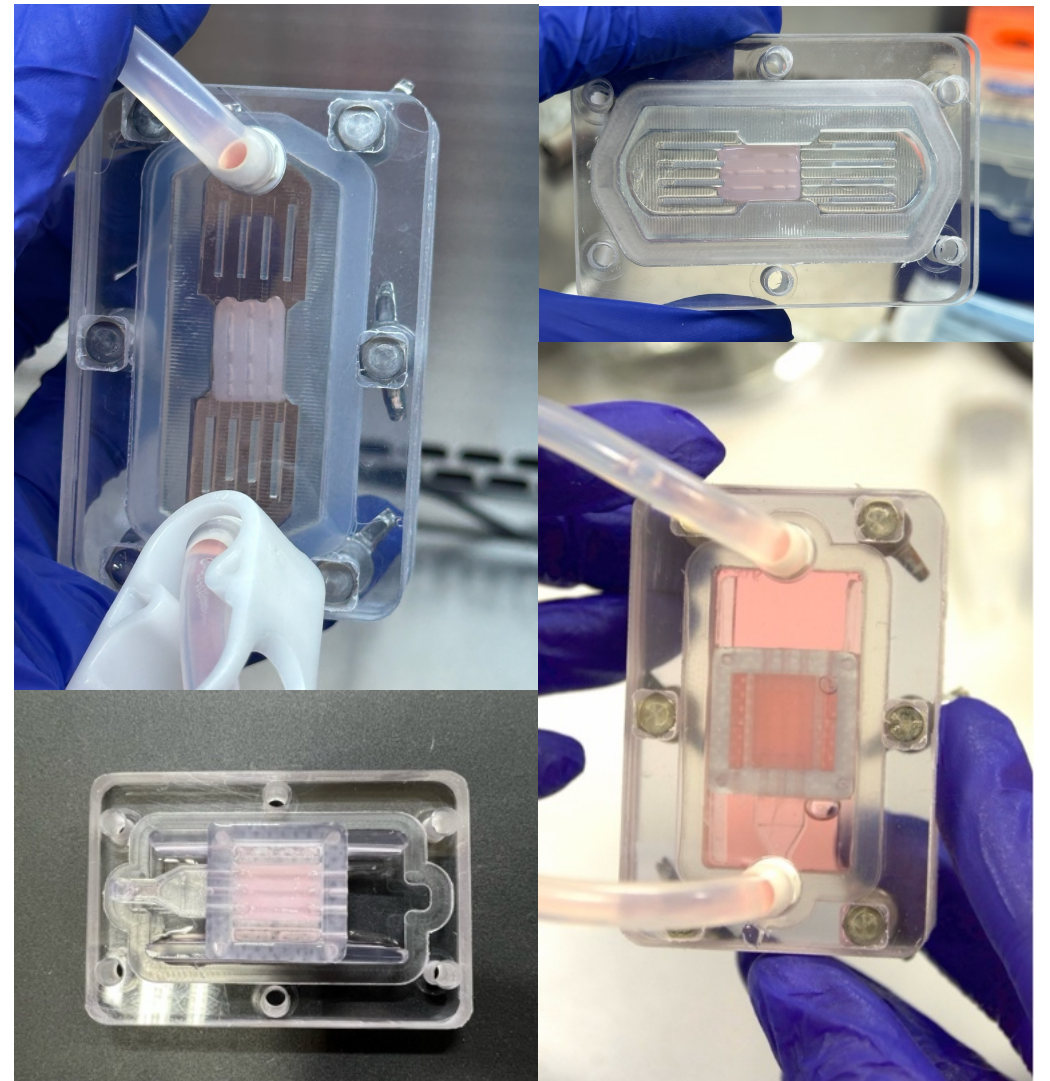


Non-maturated structure

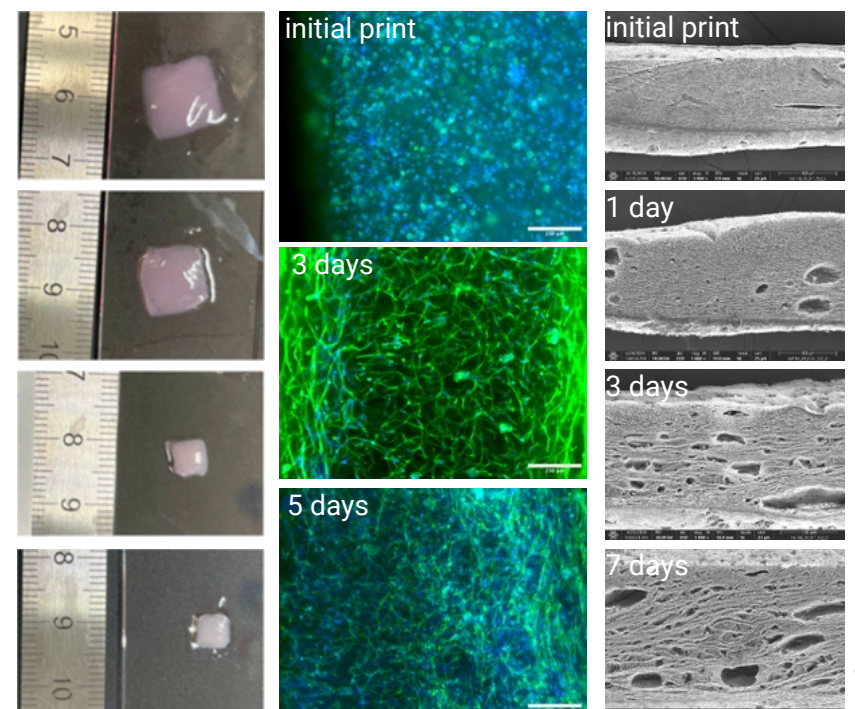
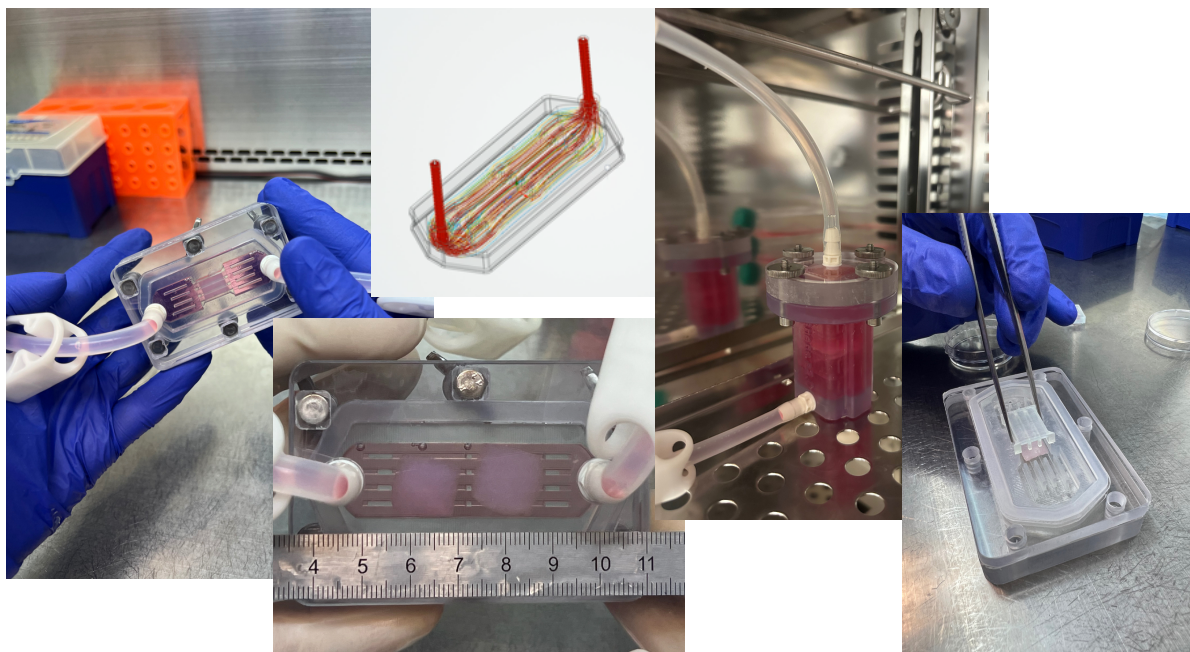
Maturated structure



Constructs with microchannels



Culture chamber ecosystem

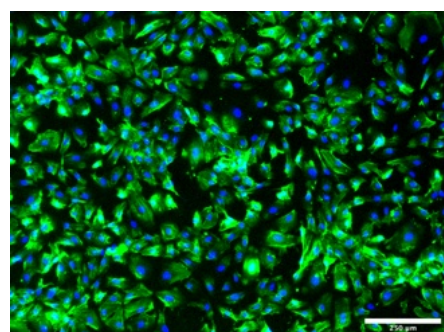


Scaffold remodeling

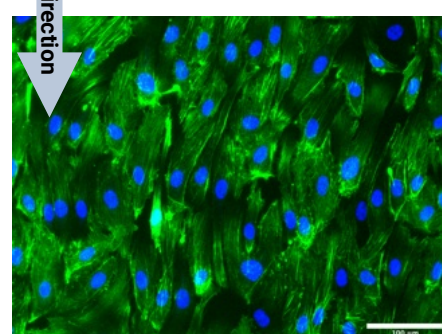
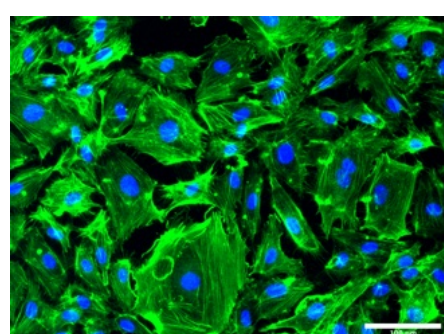
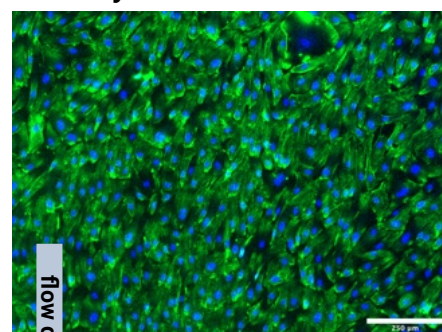
Bioreactors for 2D cell cultures

Maturation of endothelial layers

Static cultivation

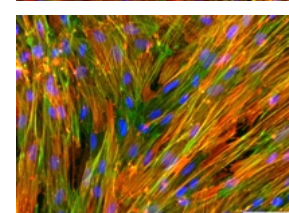
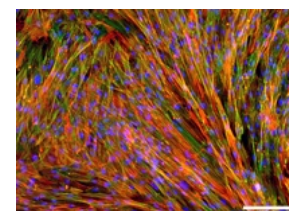
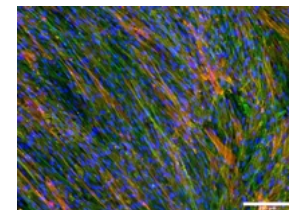


Dynamic cultivation

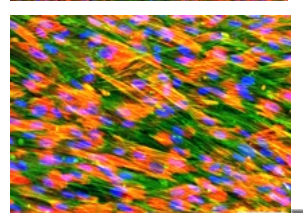
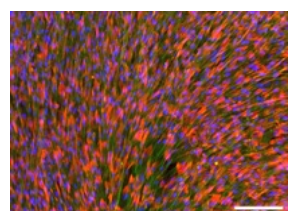
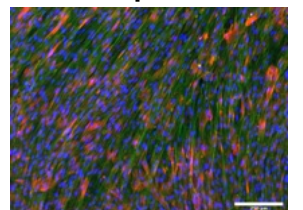


Differentiation into SMC phenotype

Alpha Actin



Calponin



Phenotype development over time