

SUPPLEMENTARY TABLE S1. THE OGDEN MODEL CONSTANTS USED IN THE COMPUTATIONAL MODEL

<i>Layer</i>	μ_1	μ_2	μ_3	μ_4	μ_5	μ_6
Outer layer	-97.38	-11.39	59.08	35.07	-51.01	13.26
Main layer	-30.42	-3.557	18.46	10.96	-15.93	4.142
Cell-scaffold mixture	-1.848	-0.2161	1.121	0.6656	-0.9681	0.2516

For each layer, $\alpha_1=1$, $\alpha_2=2$, $\alpha_3=3$, $\alpha_4=4$, $\alpha_5=5$, and $\alpha_6=6$.