

Supplementary Material

Synthesis of Alginate/Collagen Bioink for Bioprinting Respiratory Tissue Models

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Table S1. Herschel-Bulkely Fluid flow model fits for all rheological tests.

Material	τ_0	K	n	R^2	RMSE
4% Alginate 25°C	1.3E-06	17.5	0.8	0.99	39.8
4% Alginate 35°C	2.2E-04	24.8	0.7	1.00	18.8
4% Alginate 45°C	6.8E-06	9.6	0.8	1.00	26.7
4:1 Alginate: Collagen 25°C	5.9E-03	2.7	0.8	1.00	2.8
4:1 Alginate: Collagen 35°C	2.4E-07	2.7	0.8	1.00	3.7
4:1 Alginate: Collagen 45°C	1.6E-07	2.3	0.8	1.00	3.3
3:1 Alginate: Collagen 25°C	6.7E+00	3.4	0.8	1.00	3.2
3:1 Alginate: Collagen 35°C	1.1E-08	2.9	0.7	1.00	4.2
3:1 Alginate: Collagen 45°C	7.2E-08	1.9	0.8	1.00	3.4
2:1 Alginate: Collagen 25°C	1.1E-02	2.9	0.8	1.00	3.5
2:1 Alginate: Collagen 35°C	4.2E-06	2.7	0.7	1.00	4.0
2:1 Alginate: Collagen 45°C	2.5E-14	1.8	0.8	1.00	2.8
1:1 Alginate: Collagen 25°C	6.4E+00	2.7	0.7	1.00	2.6
1:1 Alginate: Collagen 35°C	4.5E+00	3.2	0.6	1.00	2.1
1:1 Alginate: Collagen 45°C	5.5E+00	1.4	0.8	0.98	2.6

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