

Table S1. Degree of conversion of three-dimensional printed resin under various curing conditions. Data are mean±standard deviation values. Different uppercase letters indicate a significant difference in postcuring time for the respective curing temperature group in the same row. Different lowercase letters indicate a significant difference in postcuring temperature according to postcuring time.

	Green state	15 min	30 min	60 min	90 min	120 min
40°C	43.03±1.46 ^{A,a}	58.08±1.28 ^{B,a}	59.63±0.37 ^{C,a}	60.41±0.78 ^{C,a}	59.70±0.90 ^{C,a}	59.37±1.03 ^{BC,a}
60°C	43.03±1.46 ^{A,a}	60.05±0.69 ^{B,b}	62.01±0.66 ^{C,b}	62.32±0.52 ^{C,b}	62.37±0.39 ^{C,b}	63.02±0.42 ^{C,b}
80°C	43.03±1.46 ^{A,a}	61.38±0.82 ^{B,c}	61.30±0.67 ^{B,c}	61.46±0.51 ^{B,c}	62.73±0.87 ^{C,b}	62.67±0.29 ^{C,b}

Figure S1. Disk-shaped specimen, with a diameter of 9 mm and a thickness of 2 mm, were designed using a 3D modeling software for Vickers hardness, biocompatibility test and degree of conversion.

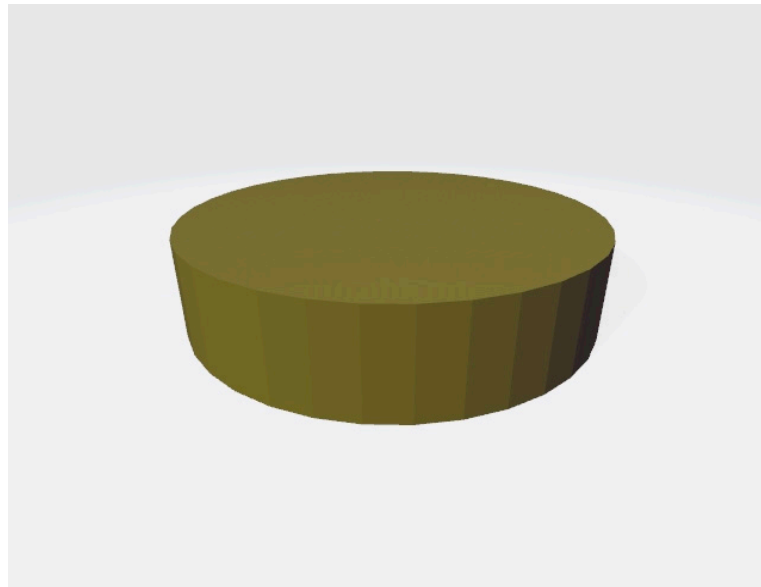


Table S2. HGFs were seeded into 48-well plates at a density of 5×10^4 cells/specimen. The number of cells attached on each specimen ($n=3$) was counted after 24, 48 and 72 h of incubation. Mean values are presented.

	Number of cells ($\times 10^4$ cells)		
	24 h	48 h	72 h
PC	3.240	3.333	4.160
Green state	0.007	0.020	0
40°C 15 min	0.253	0.027	0
40°C 30 min	0.233	0.073	0
40°C 60 min	0.147	0.013	0
40°C 90 min	0.073	0.073	0
40°C 120 min	0.540	0.087	0
60°C 15 min	0.247	0.053	0.007
60°C 30 min	1.033	0.040	0
60°C 60 min	0.533	0.133	0.013
60°C 90 min	0.760	0.040	0.020
60°C 120 min	0.667	0.033	0.013
80°C 15 min	1.793	1.633	1.780
80°C 30 min	2.233	1.460	1.920
80°C 60 min	1.740	1.573	1.880
80°C 90 min	2.613	1.420	1.640
80°C 120 min	2.1	1.847	2.053

Figure S2. CLSM images of HGFs cultured (1×10^5 cells/ml) on 3D printed specimens postcured at various temperatures and times after 24 h of incubation. (A) GS, (B) Positive control (C) 40°C for 15 min, (D) 40°C for 30 min, (E) 40°C for 60 min, (F) 40°C for 90 min, (G) 40°C for 120 min, (H) 60°C for 15 min, (I) 60°C for 30 min, (J) 60°C for 60 min, (K) 60°C for 90 min, (L) 60°C for 120 min, (M) 80°C for 15 min, (N) 80°C for 30 min, (O) 80°C for 60 min, (P) 80°C for 90 min, and (Q) 80°C for 120 min.

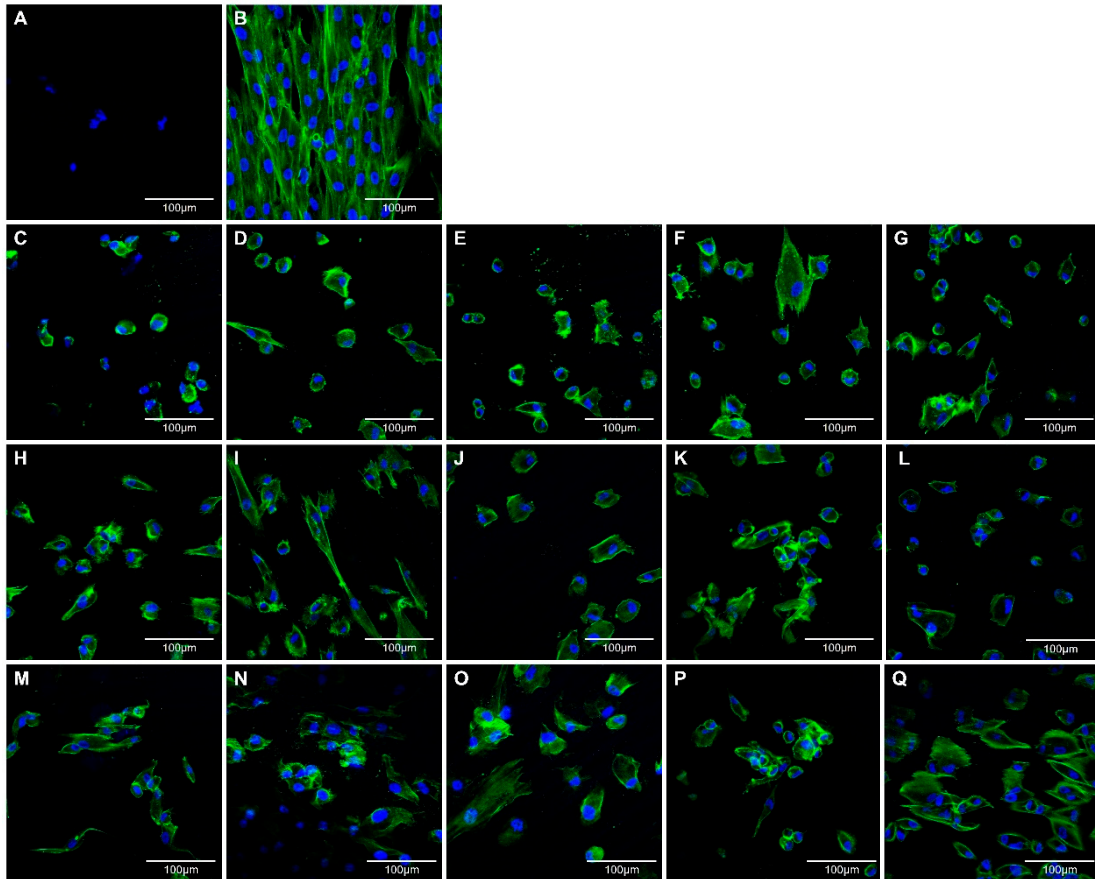


Figure S3. CLSM images of HGFs cultured (1×10^5 cells/ml) on 3D printed specimens postcured at various temperatures and times after 48 h of incubation. (A) GS, (B) Positive control (C) 40°C for 15 min, (D) 40°C for 30 min, (E) 40°C for 60 min, (F) 40°C for 90 min, (G) 40°C for 120 min, (H) 60°C for 15 min, (I) 60°C for 30 min, (J) 60°C for 60 min, (K) 60°C for 90 min, (L) 60°C for 120 min, (M) 80°C for 15 min, (N) 80°C for 30 min, (O) 80°C for 60 min, (P) 80°C for 90 min, and (Q) 80°C for 120 min.

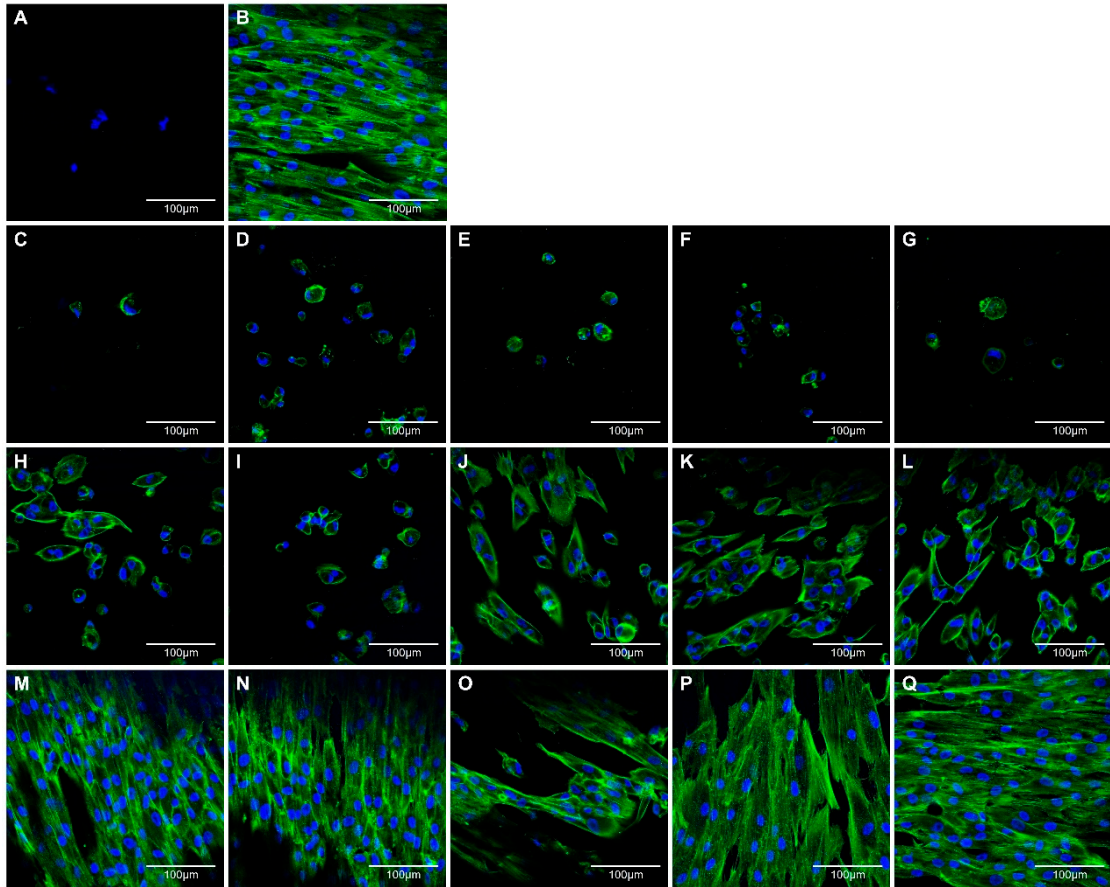


Figure S4. CLSM images of HGFs cultured (1×10^5 cells/ml) on 3D printed specimens postcured at various temperatures and times after 72 h of incubation. (A) GS, (B) Positive control (C) 40°C for 15 min, (D) 40°C for 30 min, (E) 40°C for 60 min, (F) 40°C for 90 min, (G) 40°C for 120 min, (H) 60°C for 15 min, (I) 60°C for 30 min, (J) 60°C for 60 min, (K) 60°C for 90 min, (L) 60°C for 120 min, (M) 80°C for 15 min, (N) 80°C for 30 min, (O) 80°C for 60 min, (P) 80°C for 90 min, and (Q) 80°C for 120 min.

