

Supplementary file

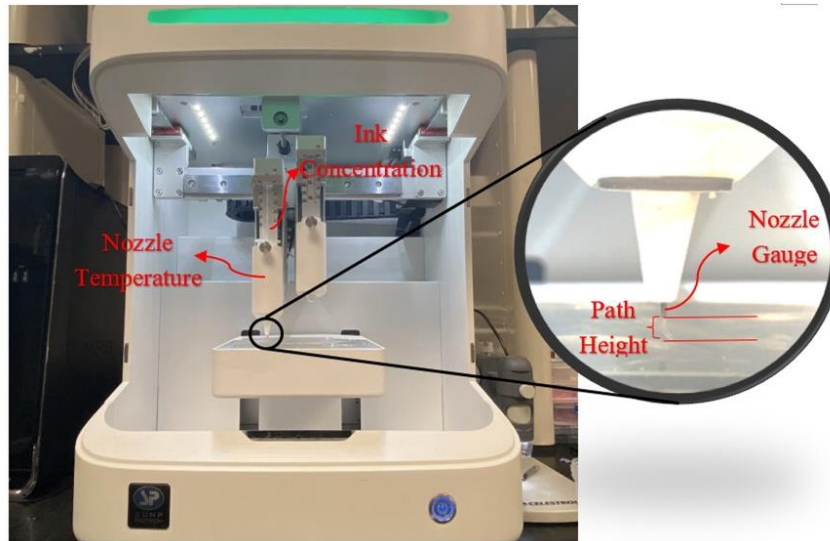


Figure S1. Printing parameters for PL 127 using SunP Biotech extrusion based bioprinter (BioMaker). In this study, nozzle temperature, ink concentration, path height and nozzle gauge were evaluated.

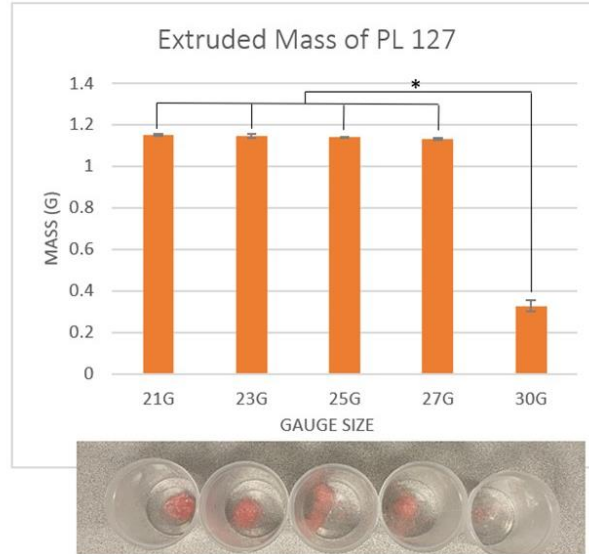


Figure S2. Mass of extruded 30% PL 127 at gauge 21, 23, 25, 27 and 30G at room temperature. The mass for all groups were weighted at the extruder speed of 5mm/min for 2 min (n=3). There was no significant different difference among 21, 23, 25 and 27G. The mass at 30G was significantly smaller than the rest four groups ($p < 0.05$).