

Descriptions of Additional Supplementary Files

Supplementary Video 1. Bead-jet printing toward a high throughput 2d manner and 3d assembly.

Supplementary Video 2. Z-scan of granular gelatin microgels.

Supplementary Video 3. Z-scan of granular Matrigel microgels.

Supplementary Video 4. Z-scan of granular GelMA microgels.

Supplementary Video 5. Z-scan of granular HAMA microgels.

Supplementary Video 6. Bead-jet printing of Matrigel beads onto irregular mouse skin wound