Lab on a Chip

## **Electronic Supplementary Information**

## High-precision robotic microcontact printing (R-µCP) utilizing a vision guided selectively compliant articulated robotic arm

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**Supplementary Figure S1.** Large Image of R-µCP system. (a) Epson LS3 SCARA robot. (b) Custom end effector. (c) Downward facing mobile camera. (d) LED diffuse dome light. (e) Custom stamp nesting fixture with LED dark field ring light. (f) Nitrogen drying station. (g) Deposition material nesting fixture. (h) Substrate nesting fixture.



**Supplementary Figure S2.** Representative images of neural stem cells on pattern substrates before and after DBCO-PEG4-Biotin functionalization (Scale bar =  $500 \ \mu$ m).

