

**Materials List for:**

# **A Microfluidic Device with Groove Patterns for Studying Cellular Behavior**

Bong Geun Chung<sup>1</sup>, Amir Manbachi<sup>1</sup>, Ali Khademhosseini<sup>1</sup>

<sup>1</sup>Harvard Medical School

Correspondence to: Ali Khademhosseini at [alik@mit.edu](mailto:alik@mit.edu)

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## Materials

| Name                                     | Type    | Company           | Catalog Number | Comments                         |
|------------------------------------------|---------|-------------------|----------------|----------------------------------|
| Poly(dimethylsiloxane) (PDMS)            | Reagent | K.R. Anderson Co. | 2065622        | Dow Corning Sylgard 184 (8.6 lb) |
| Dulbecco's Modified Eagle's Media (DMEM) | Reagent | Invitrogen        | 11965          | (Annexin A, propidium iodide)    |
| Fetal Bovine Serum (FBS)                 | Reagent | Invitrogen        | 10082-147      |                                  |
| Hydrogen peroxide                        | Reagent | Sigma-Aldrich     | H1009          |                                  |
| Apoptosis assay                          | Reagent | Invitrogen        | V13242         |                                  |