

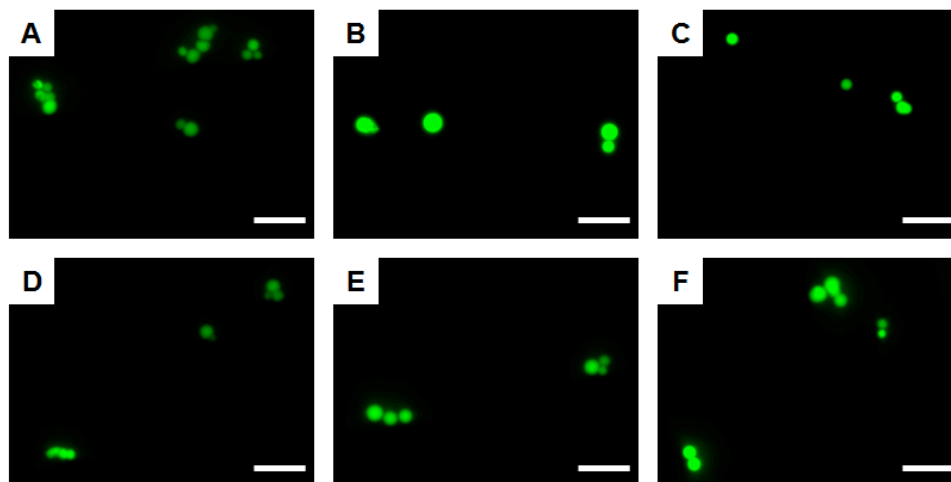
## Fabrication of Covalently Crosslinked and Amine-Reactive Microcapsules by Reactive Layer-by-Layer Assembly of Azlactone-Containing Polymer Multilayers on Sacrificial Microparticle Templates

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### Supporting Information



**Figure S1.** Representative fluorescence microscopy images of hollow capsules fabricated by the fabrication of films on  $\text{CaCO}_3$  cores containing FITC-dextran, followed by removal of the cores (see text). The capsules were suspended in (A) saturated aqueous NaCl, (B) 5 M HCl, (C) 5 M NaOH, (D) acetone, (E) dichloromethane, or (F) methanol for 22 hours. Capsules suspended in NaCl, HCl, and NaOH were rinsed twice in deionized water prior to imaging. Scale bars = 20  $\mu\text{m}$ .