Video 1 Cysts collapsing in suspension
Title: Cysts in suspension begin to collapse upon template erosion
Legend: A549 epithelial cells attached to fibronectin-loaded photodegradable microsphere templates were suspended in phosphate-buffered saline, exposed to UV light to erode the templates, and a bright field image was acquired every 3 seconds. Playback is 5 frames per second and the video is looped 4 times.
Keywords: *in vitro,* epithelial cell, cyst, photochemistry, template, erosion

Video 2 Cyst stability in gel
Title: Cysts in hydrogel do not collapse upon template erosion
Legend: A549 epithelial cells attached to fibronectin-loaded photodegradable microsphere templates were embedded in a polymer hydrogel, exposed to UV light to erode the templates, and a bright field image was acquired every 3 seconds. Playback is 5 frames per second and the video is looped 4 times.
Keywords: *in vitro,* epithelial cell, cyst, hydrogel, photochemistry, template, erosion

Video 3 Mouse lung section
Title: 3D reconstruction of distal mouse lung tissue
Legend: Mouse lung sections (50 μm thick) were stained with antibodies for an ATI phenotype marker (T1α; green), an ATII phenotype marker (surfactant protein C; red), and cell nucleus (DAPI; blue). Three-dimensional surface projections are shown for visualization of lung architecture.
Keywords: mouse, alveoli, epithelium, tissue section, immunostaining