

## Supplemental Materials

# High Relaxivity MRI Imaging Reagents from Bimodal Star Polymers

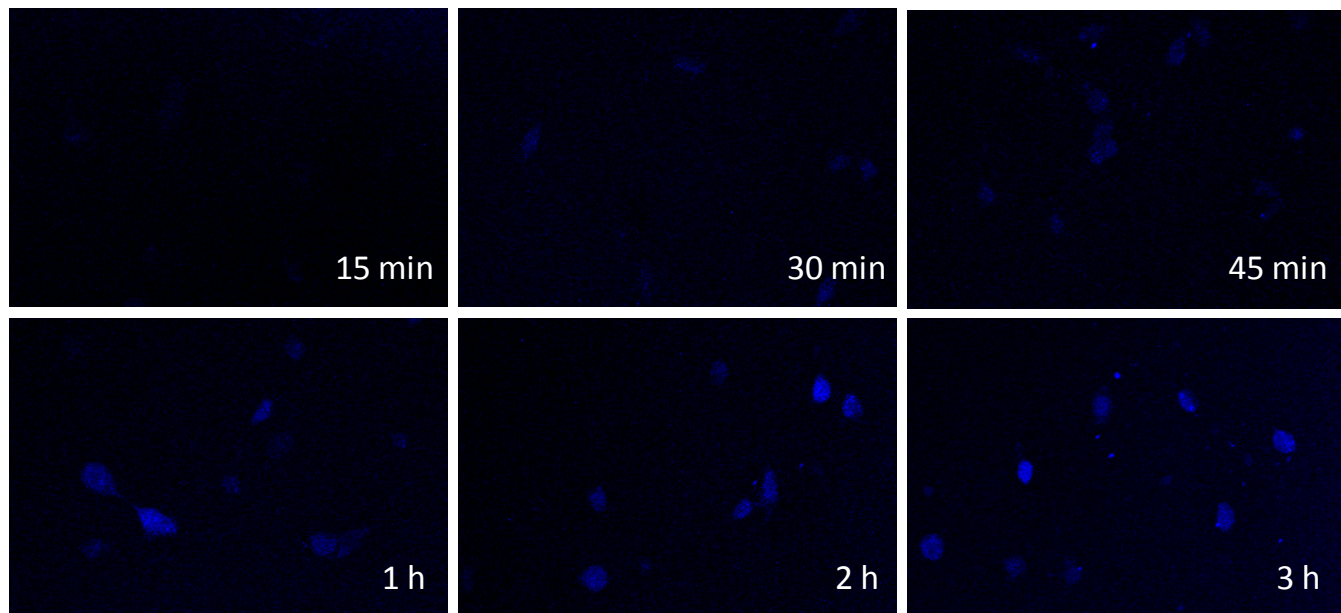
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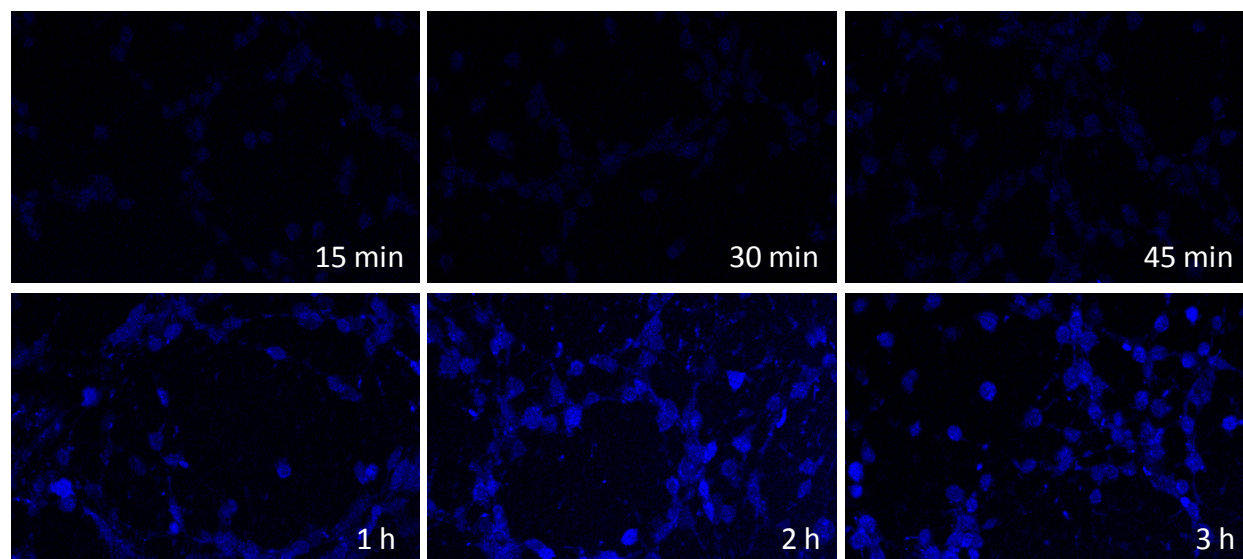
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## Cell Uptake Time Study of Star Polymer Contrast reagent without molecular transporter with blue fluorescent from Star Polymer Core, 7.



**Figure 2a.** Cellular uptake experiments of functionalized fluorescent star polymers, 7, into NIH 3T3 cells investigated via confocal microscopy, DAPI filter (425-525 nm) at 20x magnification. Each image was taken at  $h\nu = 710$ , offset = 15, and laser 405 strength at 5%. The cells were incubated for 3 h with a 300  $\mu\text{M}$  solution in water.

## Cell Uptake Time Study of Star Polymer Contrast reagent with molecular transporter with blue fluorescence from Star Polymer Core, **8**.



**Figure 4a.** Cellular uptake experiments of functionalized fluorescent star polymers, **8**, into NIH 3T3 cells investigated via confocal microscopy, DAPI filter (425-525 nm) at 20x magnification. Each image was taken at  $h\nu = 710$ , offset = 15, and laser 405 strength at 5%. The cells were incubated for 3 h with a 300  $\mu\text{M}$  solution in water.