Supporting Information

Synthesis of Biocompatible PEG-based Star Polymers with Cationic and Degradable Core for siRNA Delivery

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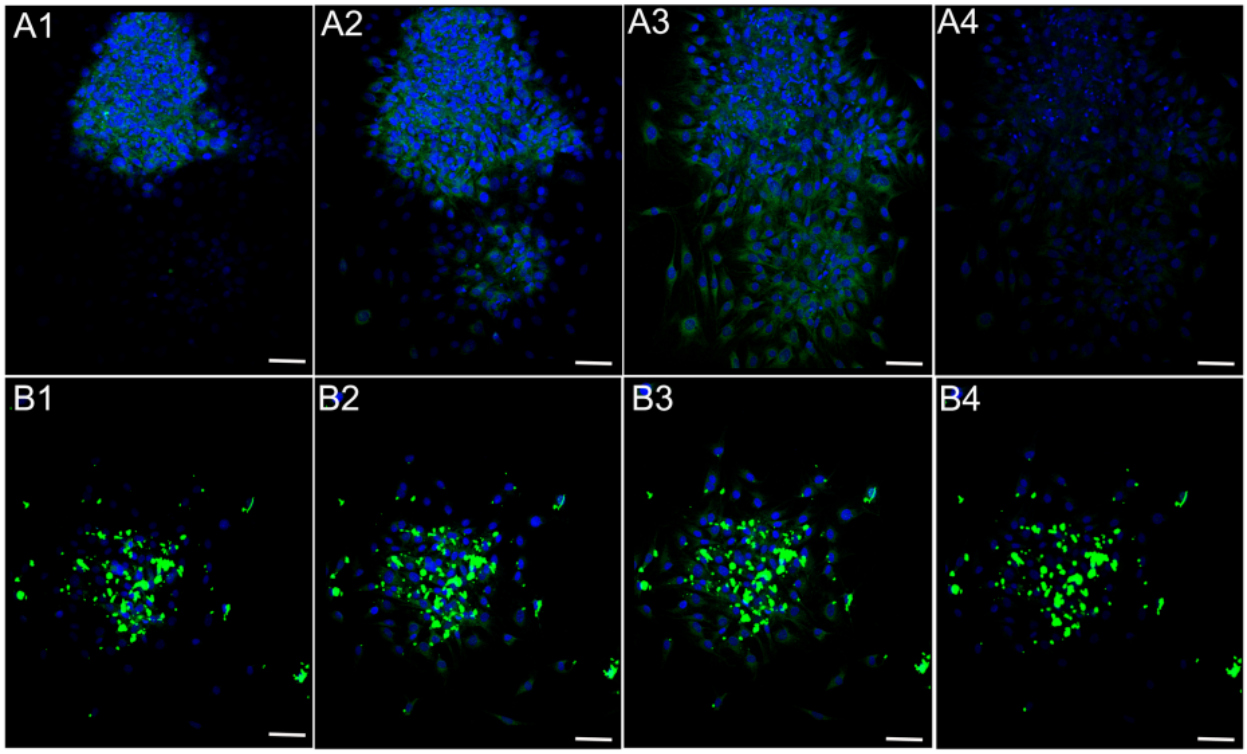

Figure S1. Confocal microscopy z-stack images of cell internalization of siRNA-FITC complexed with QN-SS (A1-4) and N-TER (B1-4) after 24 h incubation with MC3T3-E1.4 cells. Pancytoplasmic cellular internalization was observed for both QN-SS and N-TER but N-TER showed large particle aggregation. Multiple views were randomly selected and the scale bar represents 100 μm.

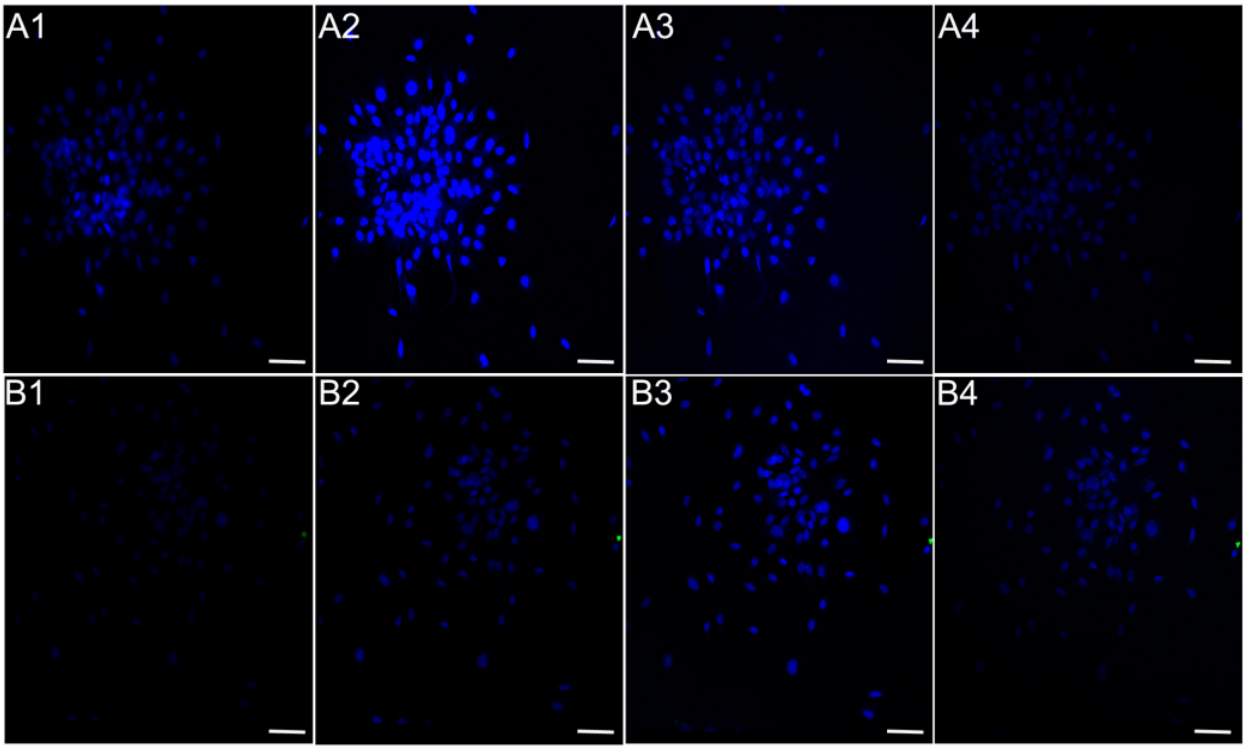

Figure S2. Confocal microscopy z-stack images of MC3T3-E1.4 cells only (A1-4) and MC3T3-E1.4 cells incubated with naked siRNA-FITC (B1-4) after 24 h. z-stack analysis revealed poor or no cellular internalization of naked siRNA. Multiple views were randomly selected and the scale bar represents 100 µm.