pharmaceutics

MDPI

Supplementary Materials: Oral Delivery of Nucleic Acids with Passive and Active Targeting to the Intestinal Tissue Using Polymer-Based Nanocarriers

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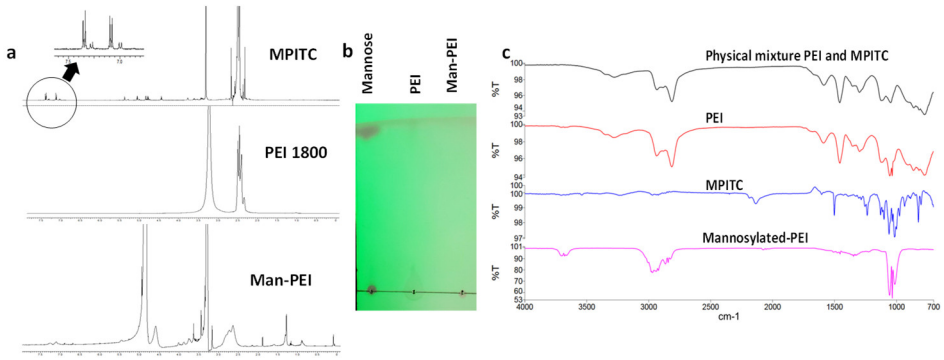

Figure S1. Characterization of Man-PEI. (**a**) NMR spectrum of PEI, MPITC and PEI-Mannose; (**b**) FT-IR of PEI-Mannose and its components and their physical mixture; (**c**) TLC of Mannose, PEI-1800 and the PEI-Mannose product.

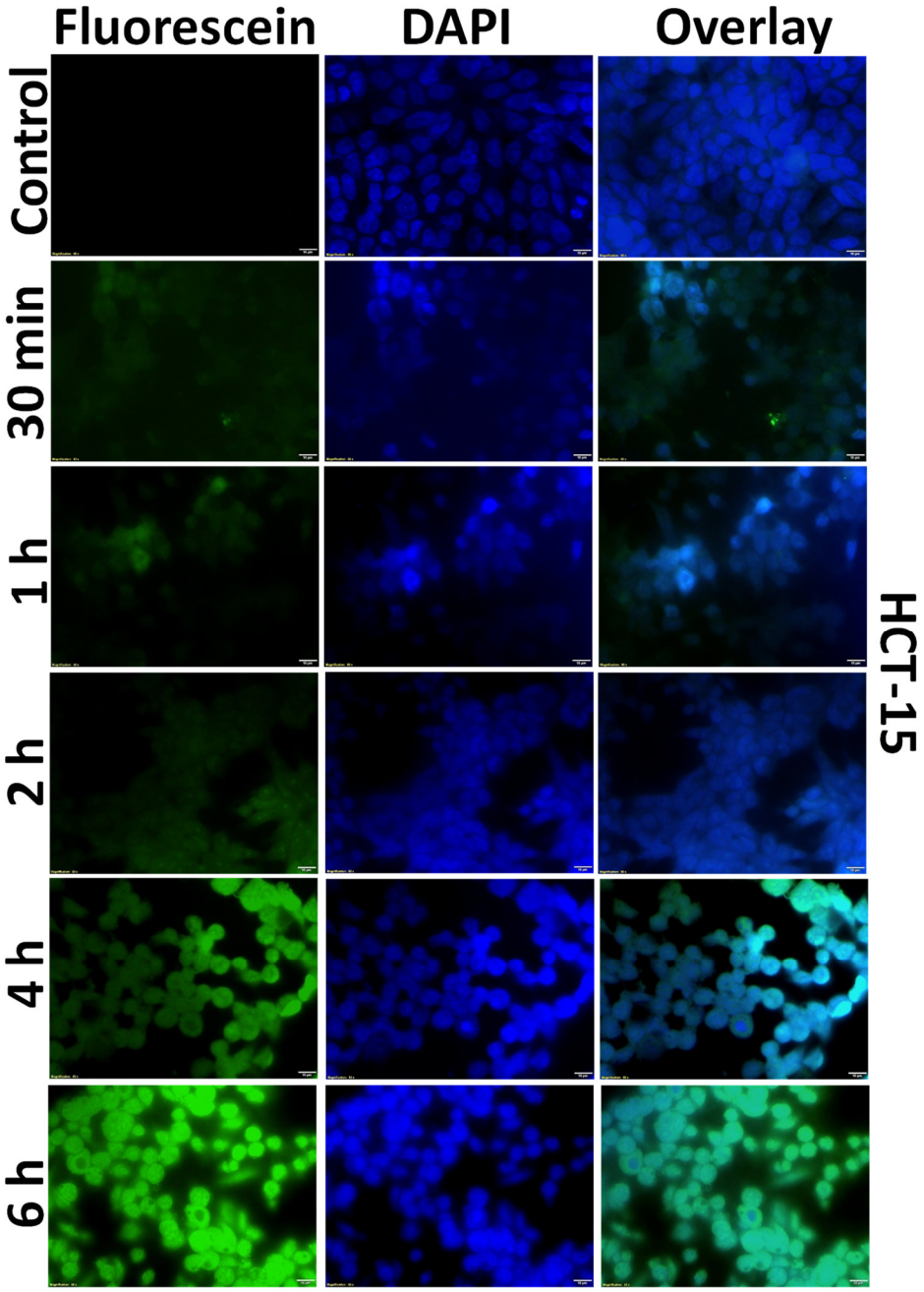

Figure S2. Cellular uptake of Fluorescein-labeled Man-PEI/plasmid complexes by HCT-15 cells. Incubation of pGL-3 with fluorescently labeled Man-PEI complexes with HCT-15 cells indicated a time-depended increase in the cellular uptake, as observed by fluorescent microscopy.