



Supplementary information, Figure S3 Apoptotic cell death appeared after 24 hours of treatment of cells with cationic carriers.

(A) Annexin-V-positive apoptotic cells were increased after 24 hours of treatment of A549 cells with DOTAP liposomes (25 μ g/ml). Numbers in each quadrant indicate the percentage of gated cells. (B) Apoptotic cells were increased after 24 hours of treatment of A549 cells with DOTAP liposomes (25 μ g/ml). The sub-G1 fraction (apoptotic cells) was detected by flow cytometry. The percentages of sub-G1 fractions are given. (C) The nuclear fragmentation was observed in cells after 24 h of treatment of A549 cells with DOTAP liposomes (25 μ g/ml) by staining with PI; Scale bar, 20 μ m.