

Supplementary Materials

In Vitro Photodynamic Effects of the Inclusion Nanocomplexes of Glucan and Chlorin e6 on Atherogenic Foam Cells

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Particle sizes of granulated Glu

To prepare granulated Glu, 1 mg of Glu was dissolved in DMSO (0.4 mL) by vortexing for 10 min. Glu solution was added drop-by-drop into 1 mL of deionized water and sonicated for 5 min. Then, the particle sizes of granulated Glu were analyzed with a particle size analyzer (SZ-100, HORIBA, Kyoto, Japan). The determined mean sizes of granulated Glu were 488 ± 75.6 nm. But, polydispersity index and Z-average size of granulated Glu were not determined.

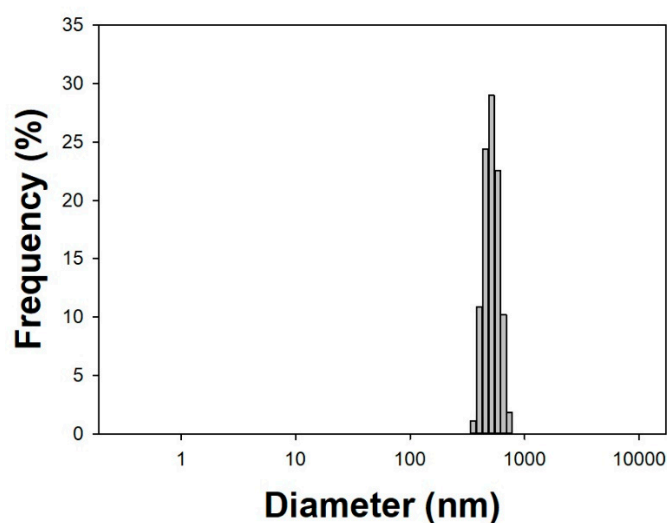


Figure S1. Particle size distribution of granulated Glu.

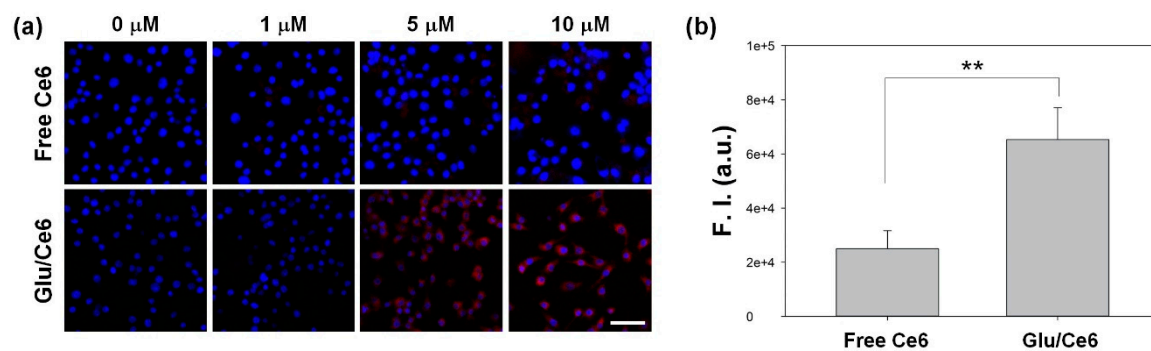


Figure S2. (a) Intracellular uptake of free Ce6 and Glu/Ce6 against foam cells. Scale bar: 50 μm . (b) Quantitative comparison of cellular uptake between free Ce6 (equiv. 5 μM Ce6) and Glu/Ce6 (equiv. 5 μM Ce6) against atherogenic foam cells. $**P < 0.01$