



Supplementary Materials: Hyaluronic Acid-Glycine-Cholesterol Conjugate-Based Nanoemulsion as a Potent Vaccine Adjuvant for T Cell-Mediated Immunity

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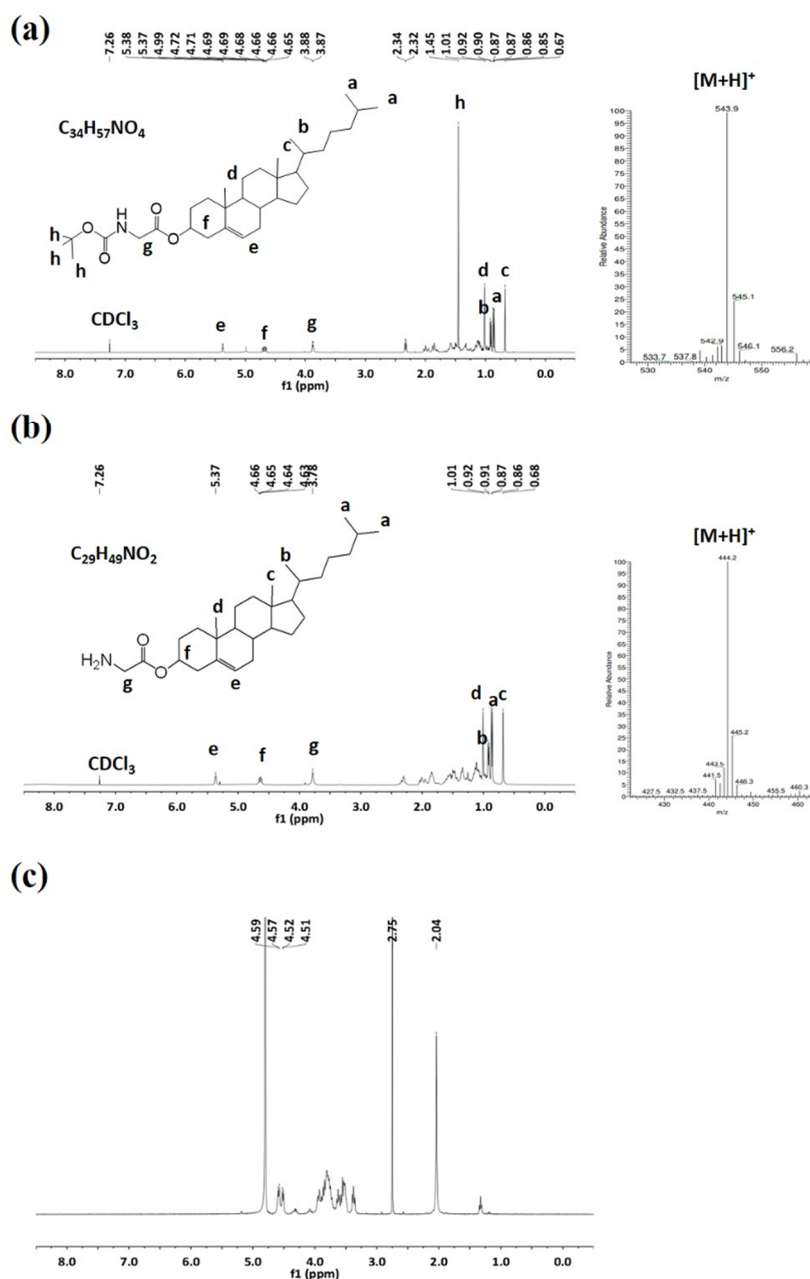


Figure S1. Structural identification: ^1H NMR (CDCl₃, 400 MHz) and mass spectrums (ESI-MS) of (a) Boc-Gly-cholesterol (b) NH₂-Gly-cholesterol; ^1H NMR spectrum (D₂O/d₆-DMSO, 400 MHz) of (c) HACH20.

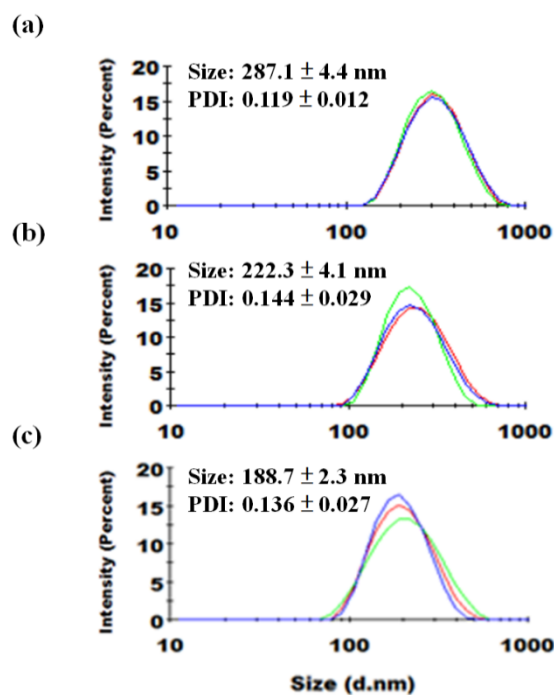


Figure S2. Size distribution of SQ@HACH with different passages: (a) 1 passage, (b) 2 passages, and (c) 3 passages through a microfluidizer. The size of SQ@HACH was measured under 100-fold dilution in water by DLS. ($n = 3$, mean \pm SD).

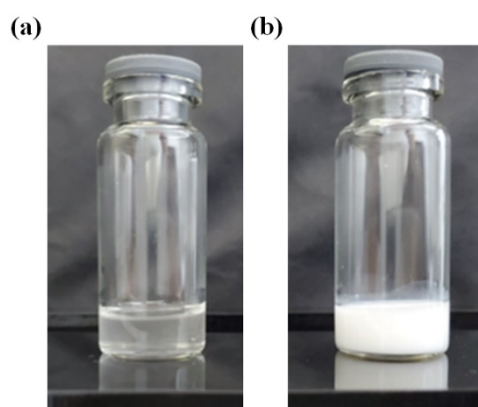


Figure S3. Appearance of (a) SQ@HA and (b) SQ@HACH. 5% squalene was added to the solution containing 1% HA and 1% HACH, homogenized and stood for 1 h.