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Supplementary Materials

Alendronate/cRGD-decorated ultrafine hyaluronate dot targeting bone metastasis

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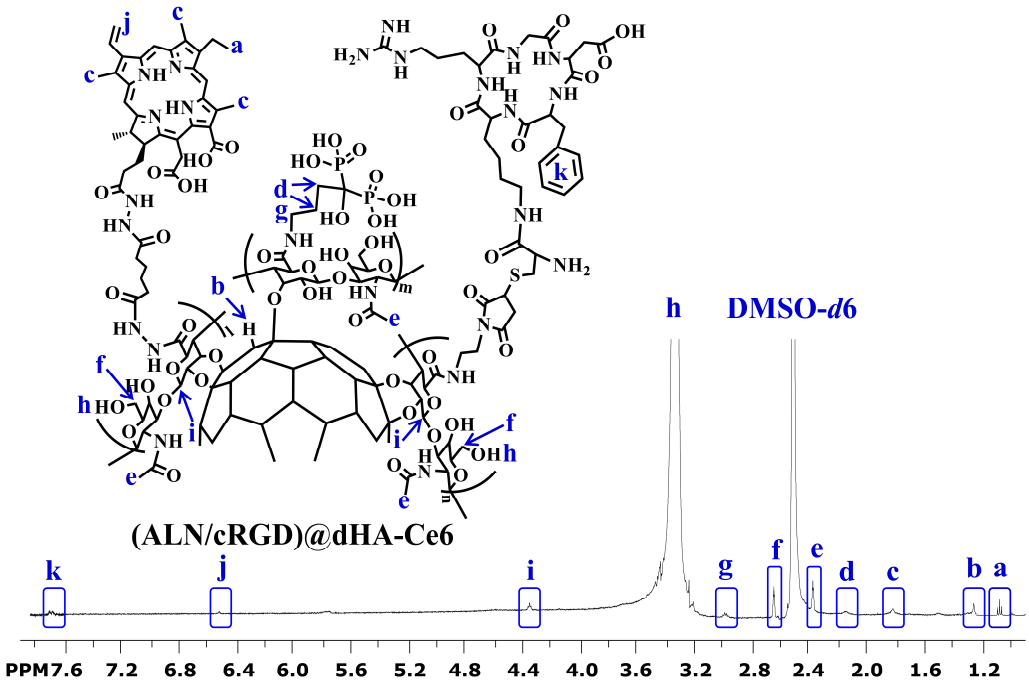

Figure S1. ^{1}H-NMR peaks of (ALN/cRGD)@dHA-Ce6.

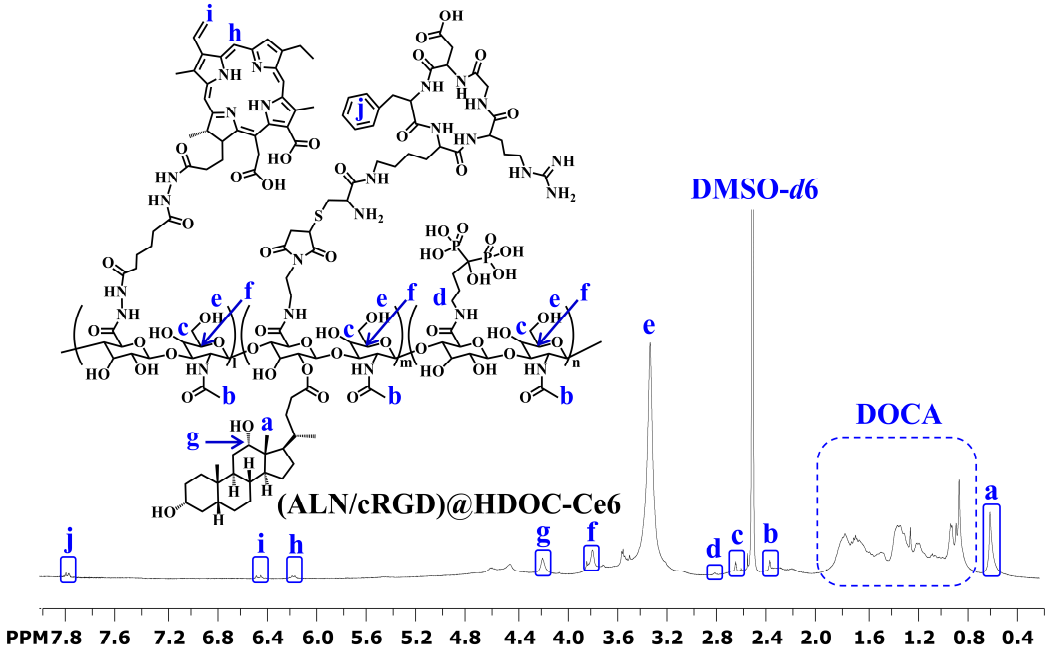

Figure S2. [1]H-NMR peaks of (ALN/cRGD)@HDOC-Ce6.

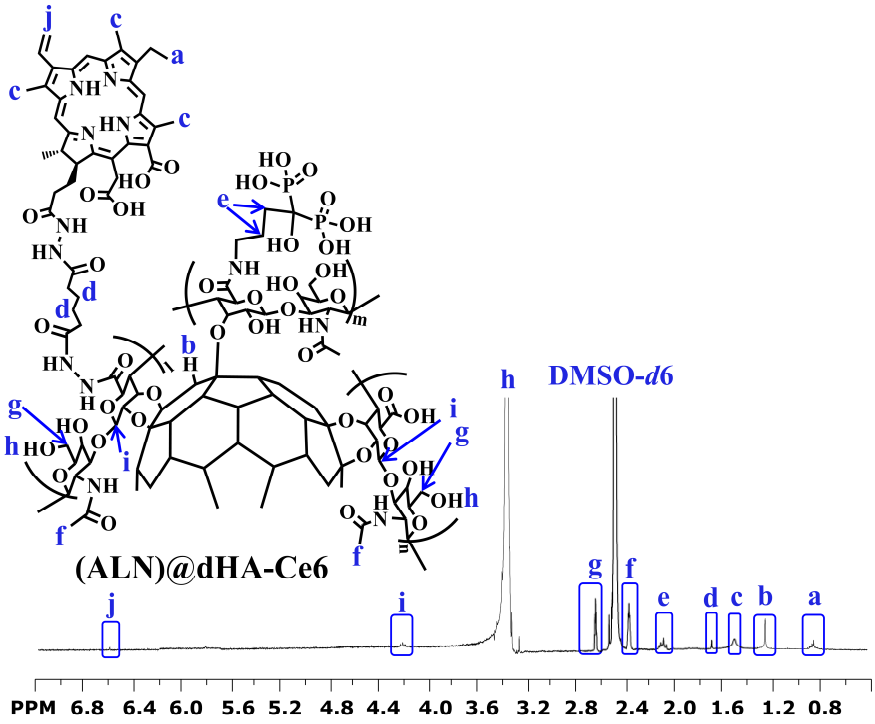

Figure S3. [1]H-NMR peaks of (ALN)@dHA-Ce6.

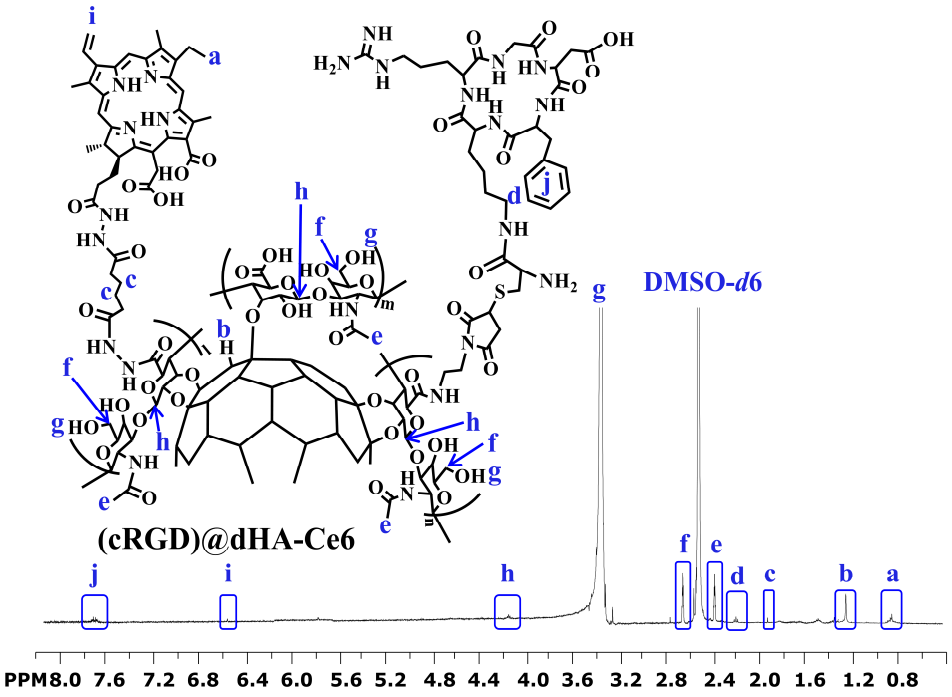

Figure S4. ^{1}H-NMR peaks of (cRGD)@dHA-Ce6.

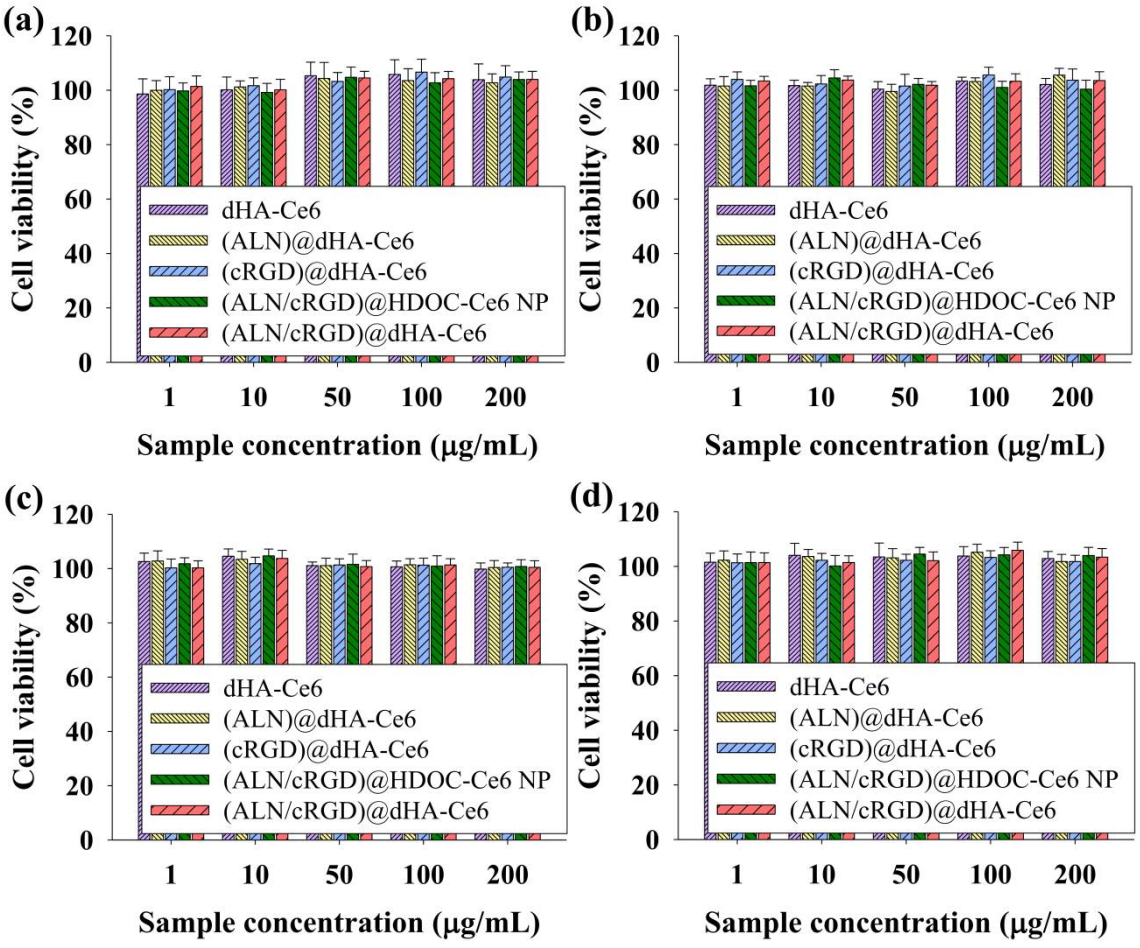

Figure 5. *In vitro* cell viability was determined by a CCK-8 assay of (a) MDA-MB-231, (b) A549, (c) BT-474, and (d) NIH3T3 cells treated with dHA-Ce6, (ALN)@dHA-Ce6, (cRGD)@dHA-Ce6, (ALN/cRGD)@HDOC-Ce6 NP and (ALN/cRGD)@dHA-Ce6 (n = 7, as multiple experiments).

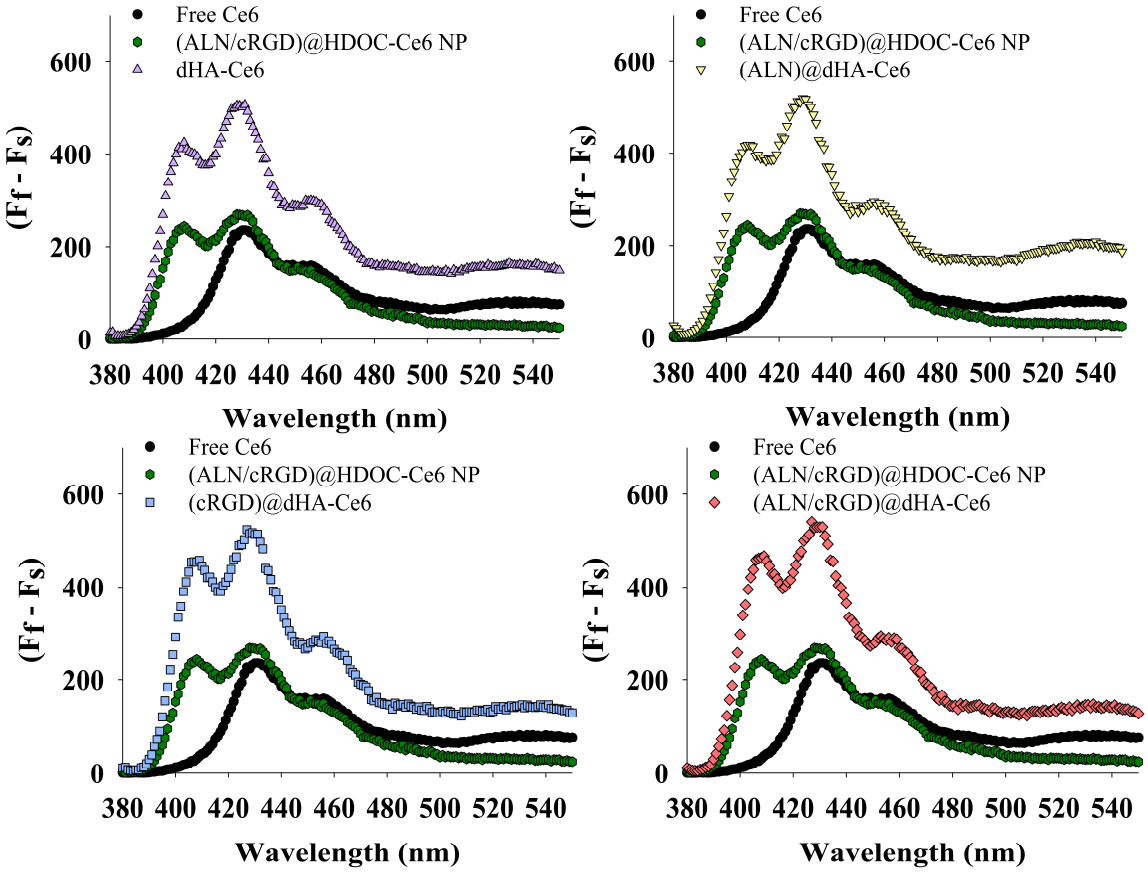

Figure 6. The emission spectra (at λ_{ex} of 400 nm and λ_{em} of 600-750 nm) of free Ce6 (10 μg/mL) and each sample (equivalent Ce6 10 μg/mL) in PBS (pH 7.4, 150 mM). Which is reconstructed by separating the results of Figure 2e. The 9,10-dimethylanthracene (DMAT) fluorescence change (at λ_{ex} of 360 nm and λ_{em} of 380-550 nm) of free Ce6 (10 μg/mL) and each sample (equivalent Ce6 10 μg/mL) in PBS (pH 7.4, 150 mM). The singlet oxygen generation is indicated by the DMAT fluorescence intensity change ($F_f - F_s$, where F_f is the fluorescence intensity of DMAT and F_s is the fluorescence intensity of DMAT mixed with the sample).