

*In-situ Second-Harmonic Generation Mediated
Photodynamic Therapy by Micelles Co-
encapsulating Coordination Nanoparticle and
Photosensitizer*

Xuyang Zhou^a, Yang Chen^a, Jian Su^b, Xiaohe Tian^c, Yonghuang Luo^{a*}, Lei Luo^{a*}

^a College of Pharmaceutical Sciences, Southwest University, Chongqing 400715, P.R. China.

^b State Key Laboratory of Coordination Chemistry, School of Chemistry and Chemical Engineering, Nanjing University, Nanjing 210093, P. R. China.

^c Department of Chemistry, Key Laboratory of Functional Inorganic Material Chemistry of Anhui Province, Anhui University, Hefei 230039, P. R. China.

*Corresponding authors:

Prof. Yonghuang Luo and Dr. Lei Luo

College of Pharmaceutical Sciences, Southwest University, Chongqing 400716, P.R. China. Email: luoyonghuang@126.com Drluolei@swu.edu.cn Tel: +86 02368251225

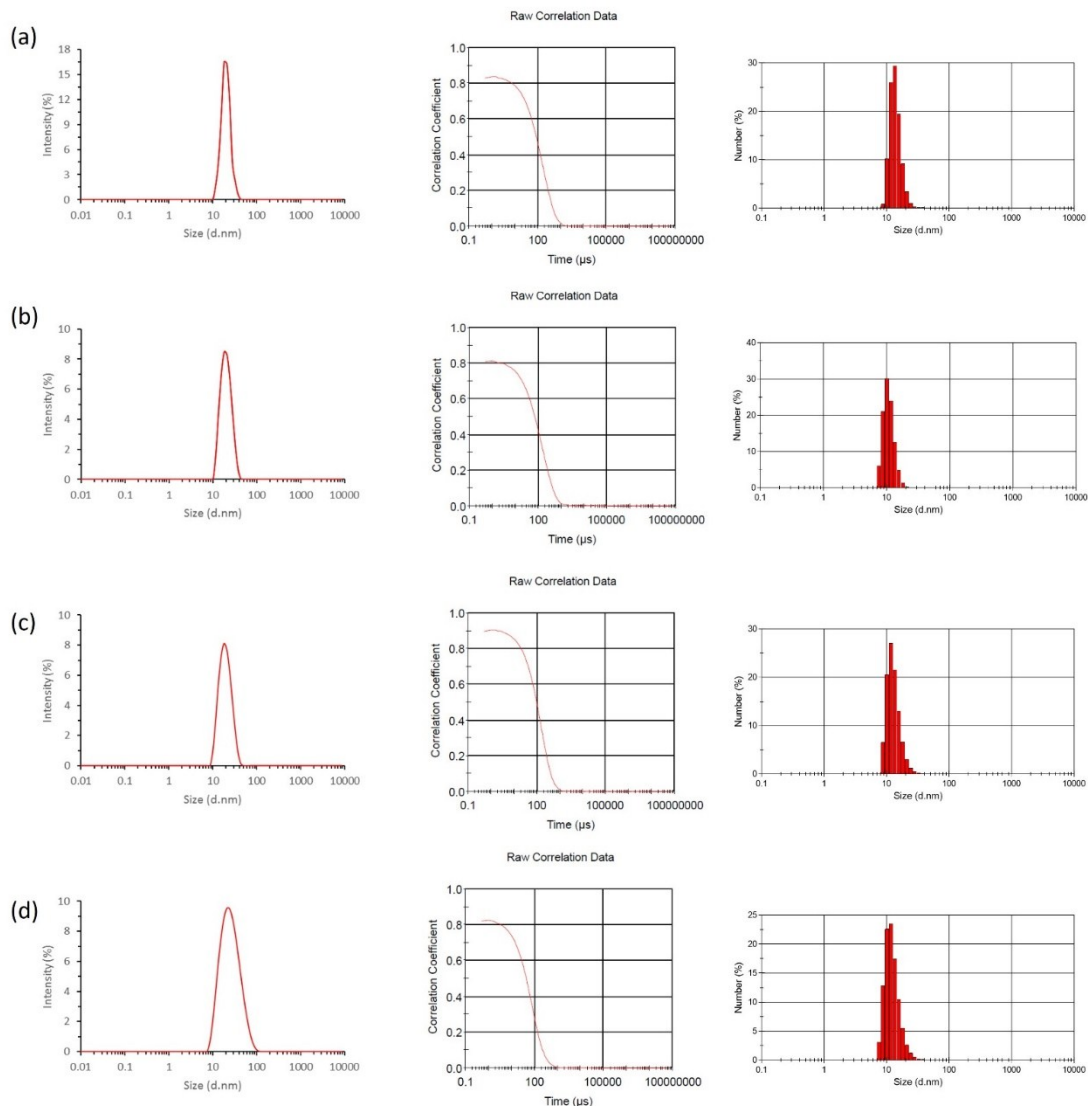


Figure S1 Figure. Size distribution determined by DLS at pH 7.4: (a) BM (empty micelles), (b) AM (AHU-1 encapsulated micelles), (c) CM (Ce6 encapsulated micelles) and (d) CAM (AHU-1/Ce6 co-encapsulated micelles).

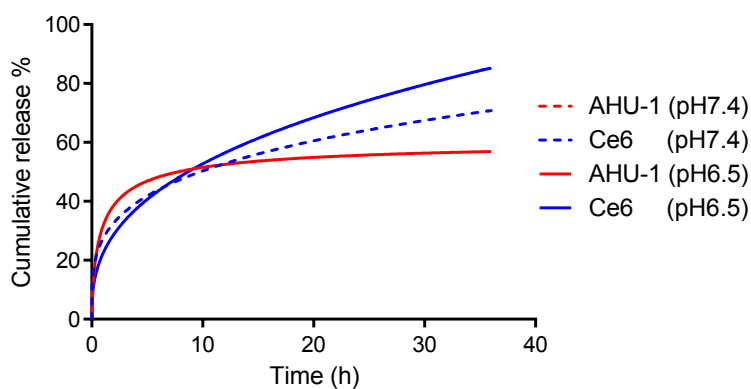


Figure S2 *In vitro* cumulative releasing profiles of CAM at pH 6.5 and pH 7.4.

Table S1 Particle sizes of CAM measured from TEM image

Sizes (nm)	Average (nm)	SD
20.92	27.15	11.30
29.66		
51.69		
47.88		
43.22		
31.64		
17.25		
21.53		
15.09		
30.49		
46.54		
20.04		
20.76		
14.83		
25.61		
30.34		
18.22		
21.19		
17.37		
20.55		
25.25		