

Figure S1 XPS survey spectrum of the CNDs.

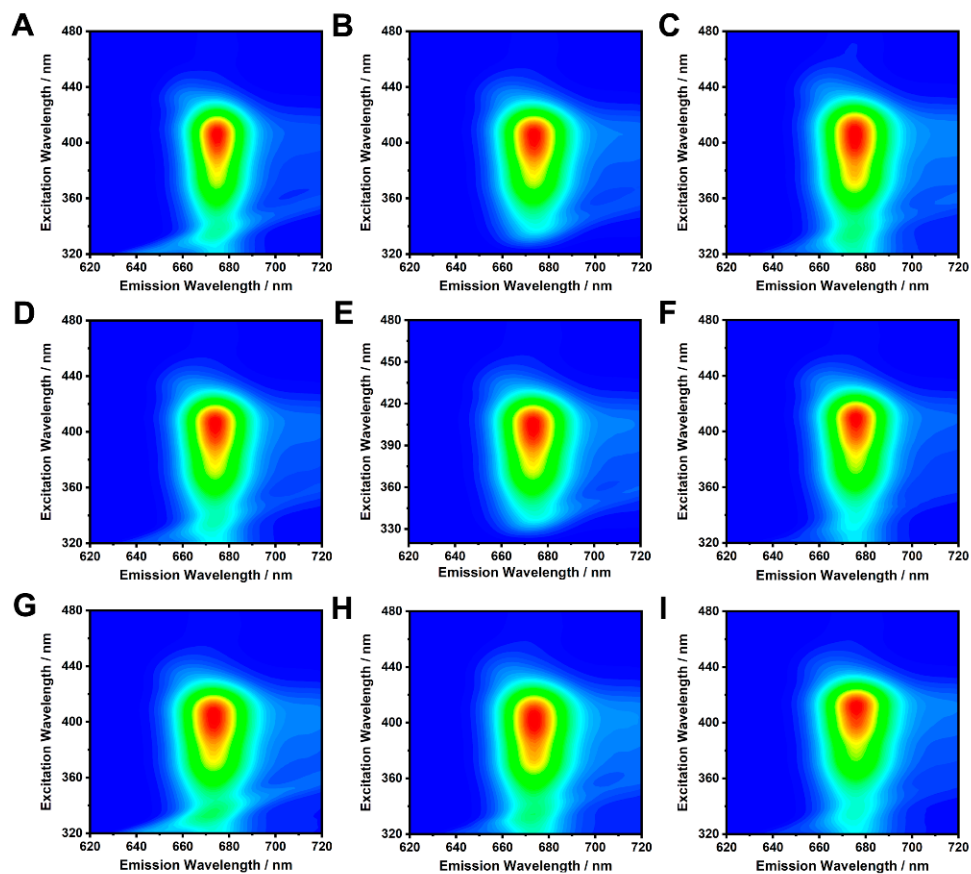


Figure S2 Excitation-emission contour plots of the CNDs in different organic solvents:
 (A) petroleum ether, (B) DCM, (C) n-butanol, (D) ethyl acetate, (E) dioxane, (F) acetone, (G) acetonitrile, (H) methanol, and (I) DMSO.

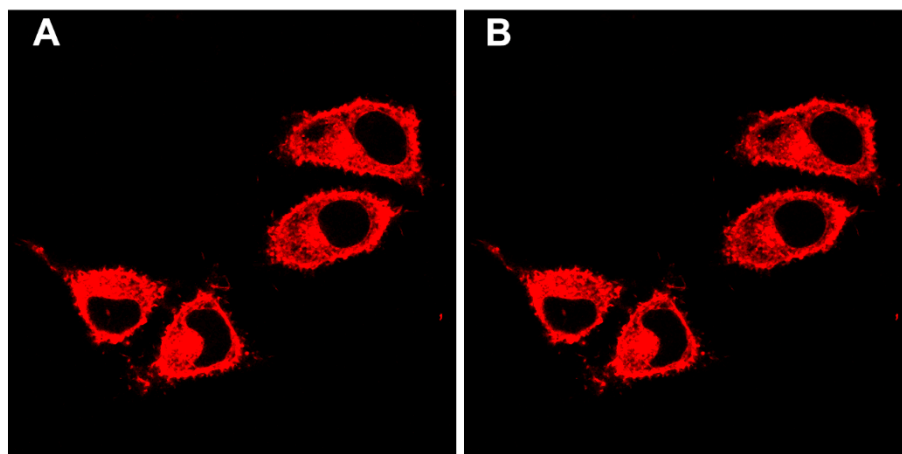


Figure S3 Temporal evolution of fluorescence signals of Golgi-Pdots in cells under continuous irradiation: (A) 0 min; (B) 60 min.