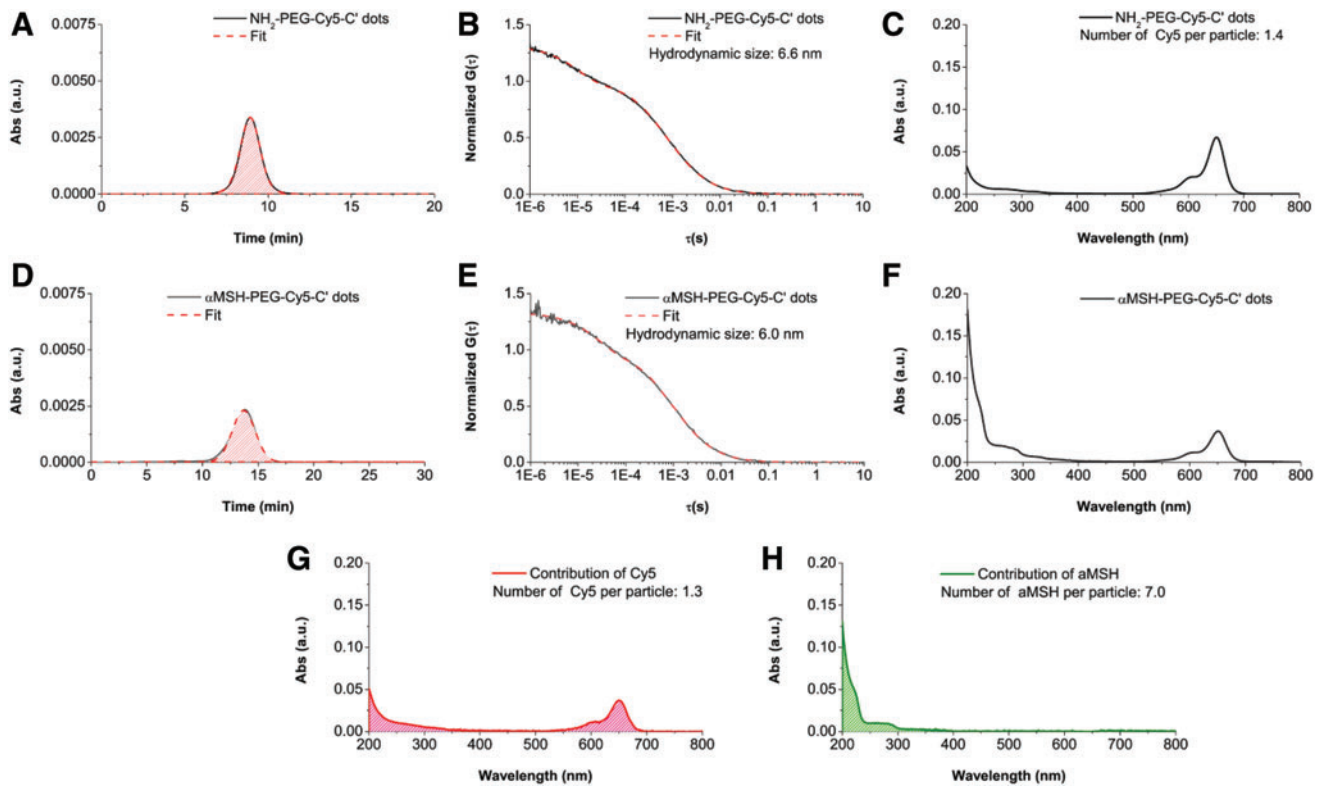


Supplementary Data



SUPPLEMENTARY FIG. S1. Characterization data for NH₂-PEG-Cy5-C' dots and α MSH-PEG-Cy5-C' dots. (**A, D**) GPC elugrams of C' dots with fits (n.b., absolute GPC elution times are not comparable since these chromatograms were taken on different days using different columns); (**B, E**) FCS curves with fits and (**C, F**) UV-Vis absorbance of NH₂-PEG-Cy5-C' dots and α MSH-PEG-Cy5-C' dots, respectively. UV-Vis spectrum deconvolution of α MSH-PEG-Cy5-C' dots (**F**), showing contributions of the absorbance of (**G**) Cy5 dye and (**H**) α MSH peptide, respectively, to the overall spectrum. α MSH, alpha melanocyte-stimulating hormone; FCS, fluorescence correlation spectroscopy; GPC, gel permeation chromatography; UV, ultraviolet.