

Supplementary Information

Supplementary Methods:

In vitro fluorescence measurements

The fluorescence intensity of ICG-HSA solutions was measured using plate reader (Tecan Infinite M200 Pro, Tecan GmbH) using Costar 96-well, black, flat-bottom plates (Corning Inc.) Briefly, 200 μ l of the solutions were pipetted into the well and the fluorescence intensity was measured using the following settings: $\lambda_{ex}/\lambda_{em}$ = 700/750 - 850 nm, gain: 125.

For stability measurements, the fluorescence intensity of the ICG HSA solutions was measured over time for up to 24 h.

Supplementary Figures

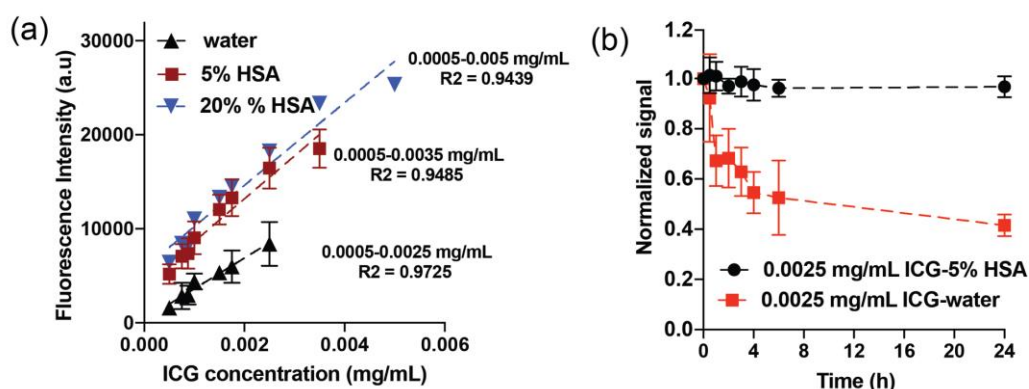


Figure S1. (a) Linear relationship between ICG concentrations in purely aqueous solution, 5% and 20% HSA, and fluorescence intensity (Ex/Em: 770 nm/820 nm). The ICG concentration range in which the relationship is linear, and the respective R² of the fitted regression lines are shown. (b) Stability of ICG-water and ICG-5% HSA. Fluorescence intensity of the solutions was measured over 24 h.