

Supplementary materials

ZnO Interactions with Biomatrices: Effect of Particle Size on ZnO-Protein Corona

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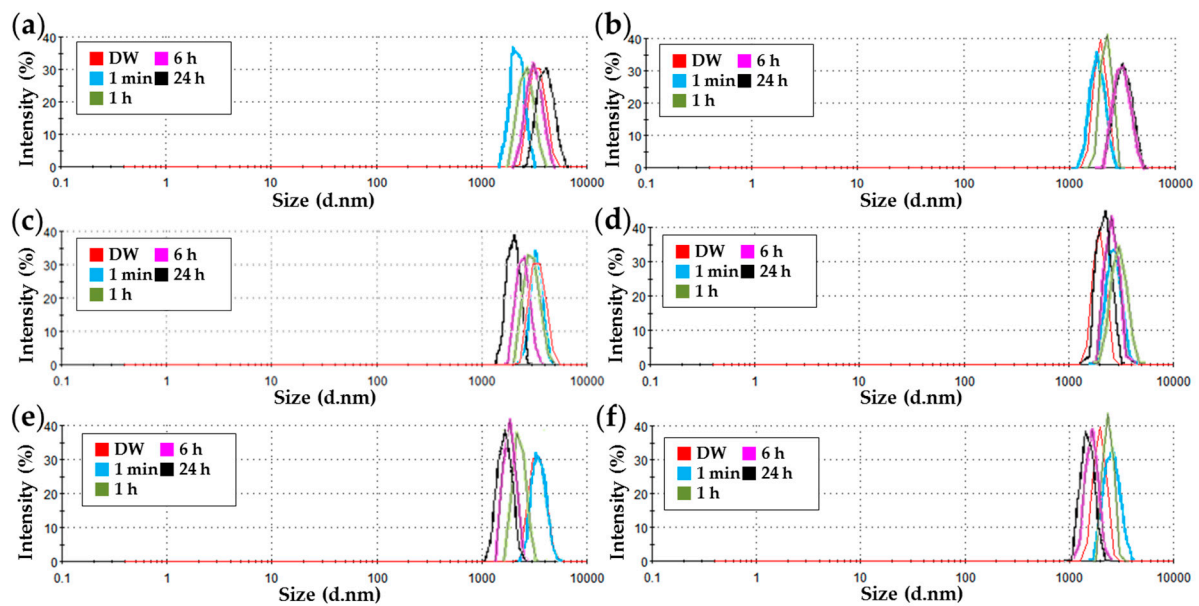


Figure S1. Hydrodynamic size distribution of (a,c,e) bulk ZnO and (b,d,f) nano ZnO in simulated (a–b) gastric fluid, (c–d) intestinal fluid, and (e–f) plasma measured by Zetasizer Nano Series.

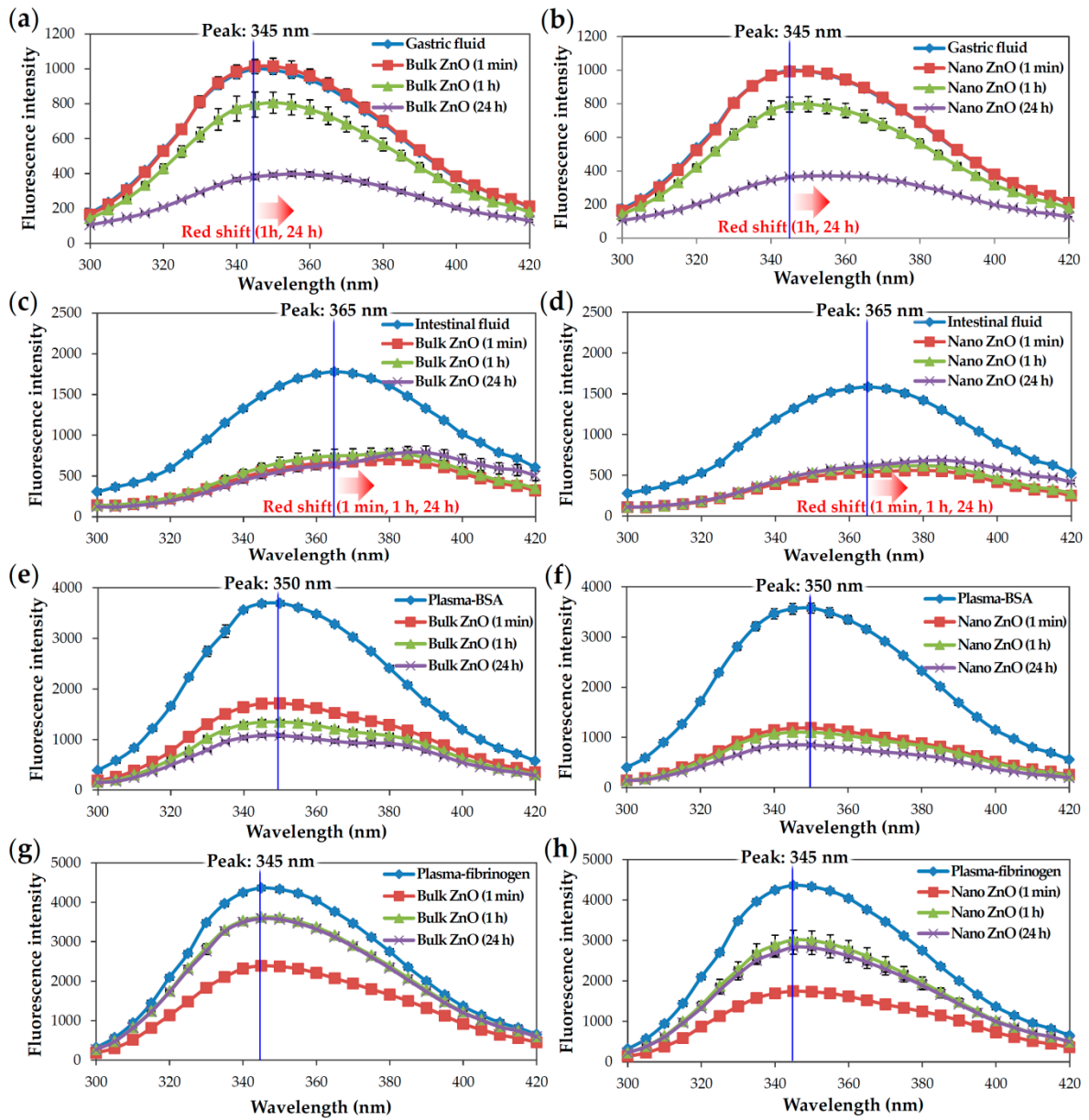


Figure S2. Fluorescence spectra of simulated (a–b) gastric fluid, (c–d) intestinal fluid, (e–f) plasma containing bovine serum albumin (BSA, plasma-BSA), and (g–h) plasma containing fibrinogen (plasma-fibrinogen) in the absence or presence of bulk ZnO or nano ZnOs.