

Supporting Information for the Manuscript:

“Angular-Dependent Metal-Enhanced Fluorescence from Silver Colloid Deposited Films: Opportunity for Angular-Ratiometric Surface Assays” by Aslan *et al.*

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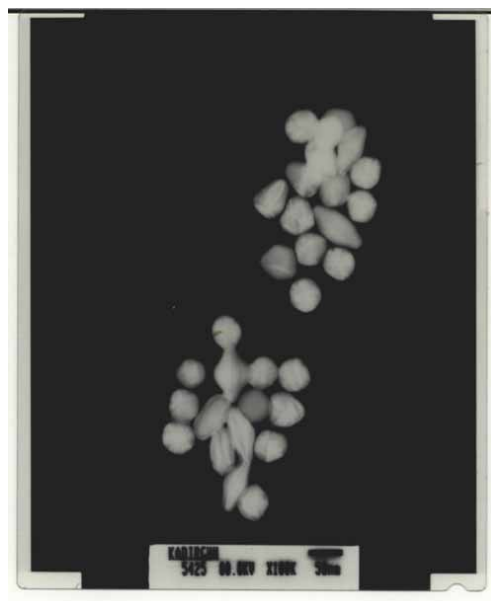


Figure S1- A typical Transmission Electron Microscopy (TEM) image of silver colloids used in this study. The scale is 50 nm.

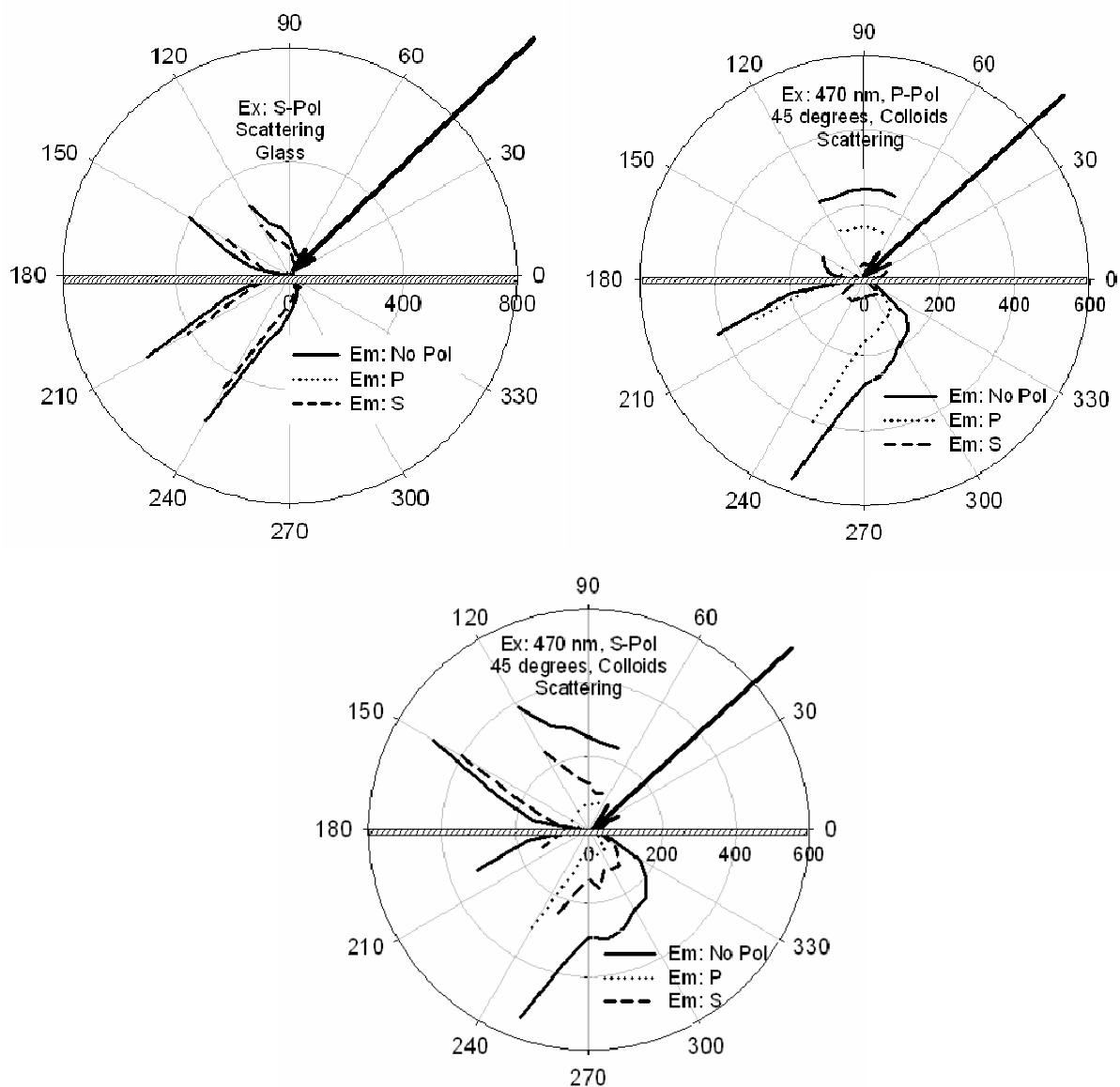


Figure S2- Angular dependent scattered light (p -polarized excitation 473 nm, 45 degrees) from glass (**Top-Left**), silver colloids OD = 0.42 (**Top-Right**), and angular dependent s -polarized scattered light from silver colloids (**Bottom**).

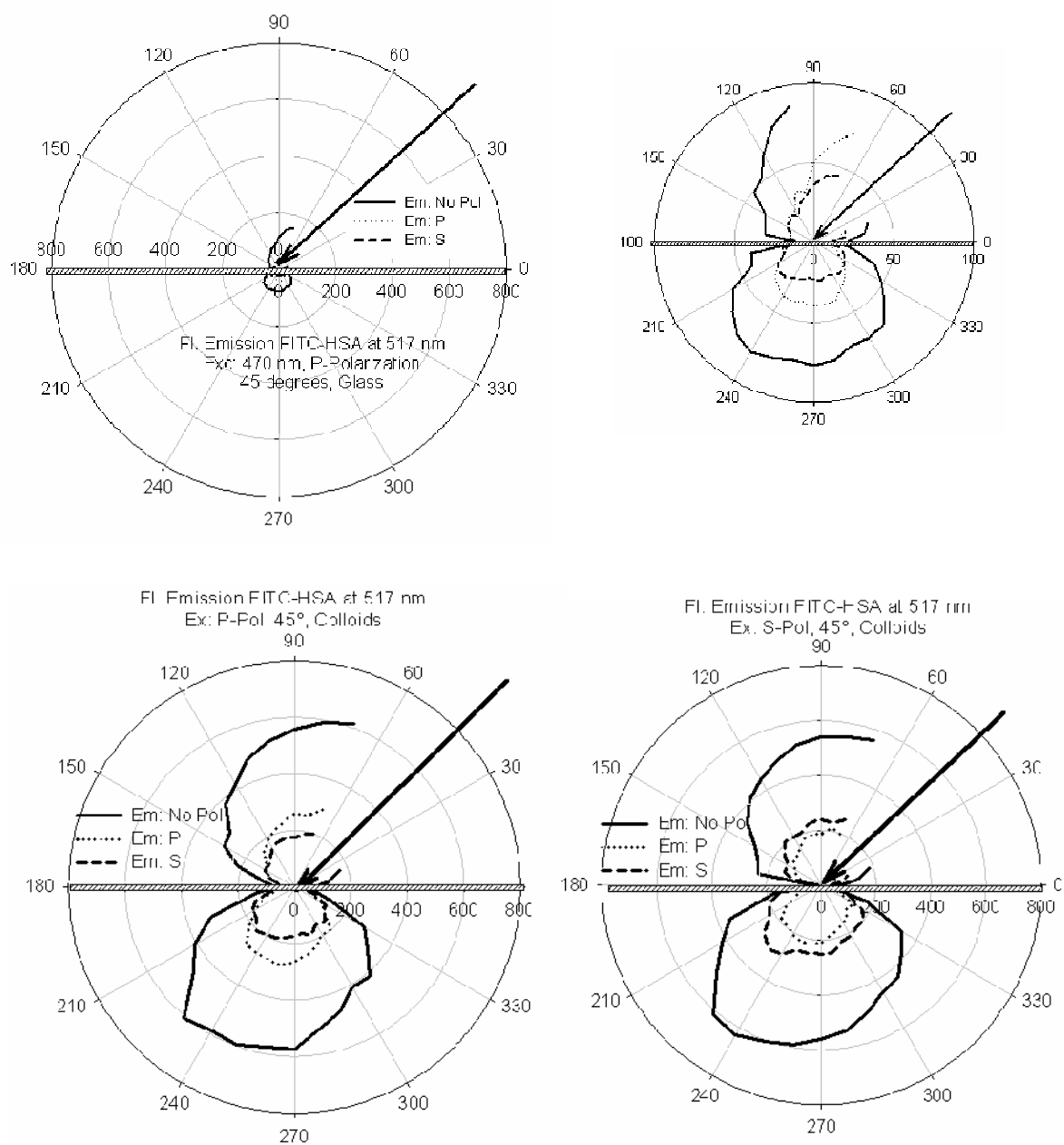


Figure S3- Angular dependent fluorescence emission intensity (measured at 517 nm, *p*-polarized excitation) for FITC-HSA on glass (**Top**) and silver colloids, OD = 0.42 (**Bottom**). Excitation was *p*-polarized and was at an angle of 45 degrees. The bottom-right figure shows the angular dependent emission for FITC-HSA on silver colloids with *s*-polarized excitation.

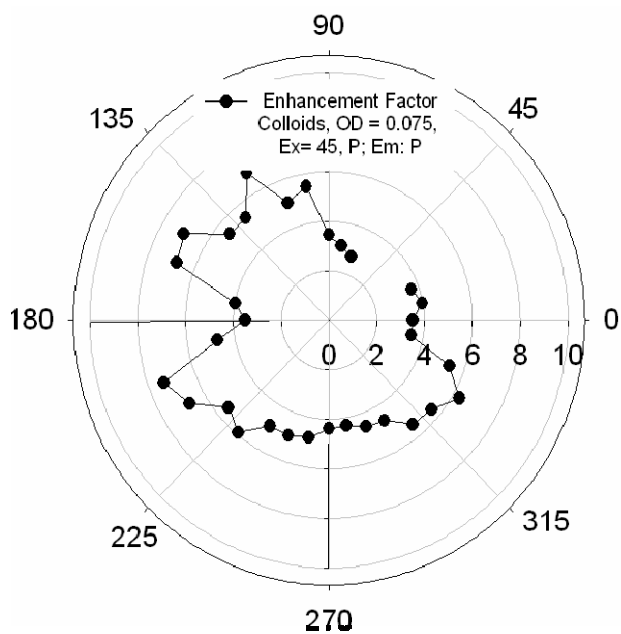


Figure S4- Angular-dependent metal-enhanced fluorescence (MEF) enhancement factor (emission intensity at 517 nm (I_{517}) on silver colloids divided by I_{517} on glass). Fluorescence emission intensity was measured through a 488 nm razor-edge excitation filter. Excitation laser source was at an angle of 45 degrees.