Supporting Information

Yolk−shell structured Au@Ag@mSiO₂ as probe for sensing of cysteine enantiomers and Cu²⁺ based on circular dichroism

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**S2** CD spectra of the pure L/D-Cys solutions.

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**S4** (a) CD spectra of the YS-Au@Ag@mSiO₂ responded to different concentration of D-Cys. D-Cys molecules reached saturated adsorption on the surface Au@Ag when the concentration of L-Cys was ~90 μM. (b) Linear relationship between the CD intensity (258 nm) and concentration of D-Cys.

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Figure S1 UV-Vis absorption spectra of the Au@Ag@mSiO₂ and YS-Au@Ag@mSiO₂.
Figure S2 CD spectra of the pure L/D-Cys solutions.
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Figure S4 (a) CD spectra of the YS-Au@Ag@mSiO$_2$ responded to different concentration of D-Cys. D-Cys molecules reached saturated adsorption on the surface Au@Ag when the concentration of L-Cys was ~90 μM. (b) Linear relationship between the CD intensity (258 nm) and concentration of D-Cys.
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