Electronic Supplementary Information

Integrated optical and electrochemical detection of Cu2+ ions in water using

a sandwich amino acid-gold nanoparticle-based nano-biosensor consisting of

transparent-conductive platform

Mehdi Atapour^{1,2}, Ghasem Amoabediny^{1,2,*}, Mojgan Ahmadzadeh-Raji^{2,3}

¹ Faculty of Chemical Engineering, College of Engineering, University of Tehran, Tehran, Iran
² Department of Nanobiotechnology, Research Center for New Technologies in Life Science Engineering, University of Tehran, Tehran, Iran
³ Rastegar research Lab, Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran

* Correspondence to: G. Amoabediny, Faculty of Chemical Engineering, College of Engineering, University of Tehran, Enghelab St., P.O. Bo 11155-4563, Tehran, Iran.

E-mail address: amoabediny@ut.ac.ir

Contents

Fig. S1. Schematic description of the whole procedure of the copper ion determination.

Fig. S2. Schematic illustration of ITO/GNPs/L-cys---Cu²⁺---L-cys/GNPs substrate.

Fig. S3. Photographic image of colloidal GNP (on the left) and GNP/L-cys (on the right) solutions. The insets show the corresponding schematic illustrations of GNP (1) and GNP/L-cys (2).

Fig. S4. DLS size distribution curve, DLS size distribution histogram and zeta potential distribution of GNP solution (a, b and c, respectively) and GNP/L-cys solution (d, e and f, respectively). The insets illustrate the corresponding schematic images of GNP (1) and GNP/L-cys (2).

Fig. S5. FE-SEM images (scale bars correspond to 500 nm) and size distribution histograms of GNP (a, b) and GNP/L-cys (c, d) nanoparticles. The insets represent the corresponding schematic illustrations of GNP (1) and GNP/L-cys (2).

Fig. S6. Photographic image of bare ITO (a), ITO/GNPs (b), ITO/GNPs/L-cys (c) and ITO/GNPs/L-cys---Cu²⁺---L-cys/GNPs (d) substrates. The insets show the corresponding schematic illustrations of bare ITO (1), ITO/GNPs (2), ITO/GNPs/L-cys (3) and ITO/GNPs/L-cys---Cu²⁺---L-cys/GNPs (4) substrates.

Fig. S7. XRD patterns of GNPs electrodeposited on ITO surface after thermal treatment at 300 °C for 1 h. The inset illustrates the corresponding schematic illustrations of ITO/GNPs substrate.

Fig. S8. FESEM images of bare ITO (a, b which scale bars correspond to 500 nm and 200 nm, respectively), along with FESEM images and size distribution histograms of ITO/GNPs (c, d), ITO/GNPs/L-cys (e, f) and ITO/GNPs/L-cys---Cu²⁺---L-cys/GNPs (g, h) substrates. The insets show the corresponding schematic illustrations of bare ITO (1), ITO/GNPs (2), ITO/GNPs/L-cys (3) and ITO/GNPs/L-cys---Cu²⁺---L-cys/GNPs (4) substrates.

Fig. S9. EDX spectrum of ITO/GNPs (a), ITO/GNPs/L-cys (b) and ITO/GNPs/L-cys---Cu²⁺---L-cys/GNPs (c) substrates. The inset tables show the composition of elements.

Fig. S10. 2D and 3D AFM topographic images and height distribution histograms of bare ITO (a, b and c), ITO/GNPs (d, e and f), ITO/GNPs/L-cys (g, h and i) and ITO/GNPs/L-cys---Cu²⁺---L-cys/GNPs (j, k and l) substrates. The insets show the corresponding schematic illustrations of bare ITO (1), ITO/GNPs (2), ITO/GNPs/L-cys (3) and ITO/GNPs/L-cys---Cu²⁺---L-cys/GNPs (4) substrates.

Fig. S11. Effect of volume of GNP/L-cys solution on the LSPR peak wavelength red-shift (a) and SWV cathodic peak current (b) of

the nano-biosensor in the presence of 2200 nM Cu²⁺ ions (pre-concentration pH of 5.5 and pre-concentration time of 12 min).

The data points and the error bars represent the average value and the standard deviation of three independent measurements,

respectively.

Fig. S12. Effect of pre-concentration pH on the LSPR peak wavelength red-shift (a) and SWV cathodic peak current (b) of the nanobiosensor in the presence of 2200 nM Cu²⁺ ions (volume of GNP/L-cys solution of 5 mL and pre-concentration time of 12 min). The data points and the error bars represent the average value and the standard deviation of three independent measurements, respectively.

Fig. S13. Effect of pre-concentration time on the LSPR peak wavelength red-shift (a) and SWV cathodic peak current (b) of the nano-biosensor in the presence of 2200 nM Cu^{2+} ions (volume of GNP/L-cys solution of 5 mL and pre-concentration pH of 5.5).

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Fig. S14. Selectivity of the developed nano-biosensor for Cu²⁺ (2200 nM) over other metal ions (10000 nM). Volume of GNP/L-cys solution: 5 mL; pre-concentration pH: 5.5; pre-concentration time; 12 min. The data points and the error bars represent the average value and the standard deviation of three independent measurements, respectively.



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Fi



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