

Electronic Supplementary Information

Spontaneous Implantation of Gold Nanoparticles on Graphene Oxide for Salivary SERS Sensing

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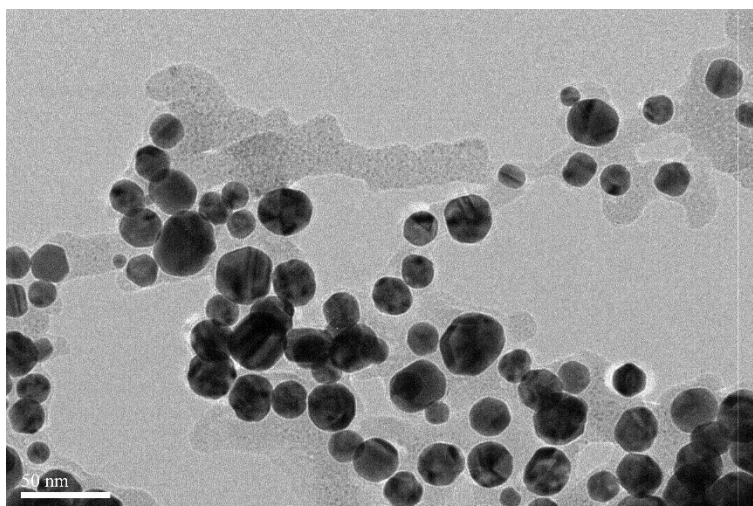


Fig. S1. The TEM image of the GO-Au nanocomposite synthesized at 140°C with solution pH of 11.

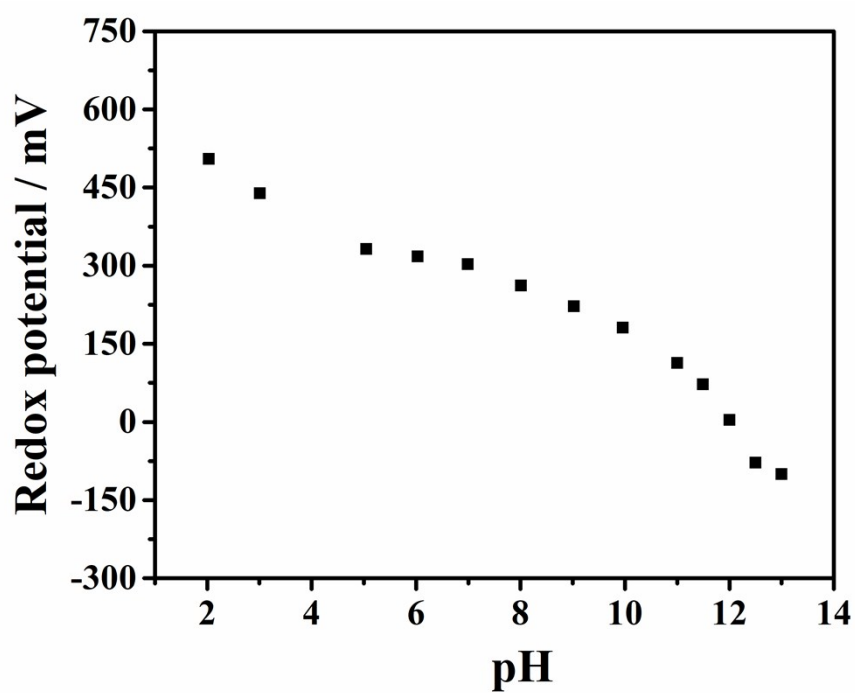


Fig. S2. The relationship between Redox potential of GO and the pH value of reacted solution.

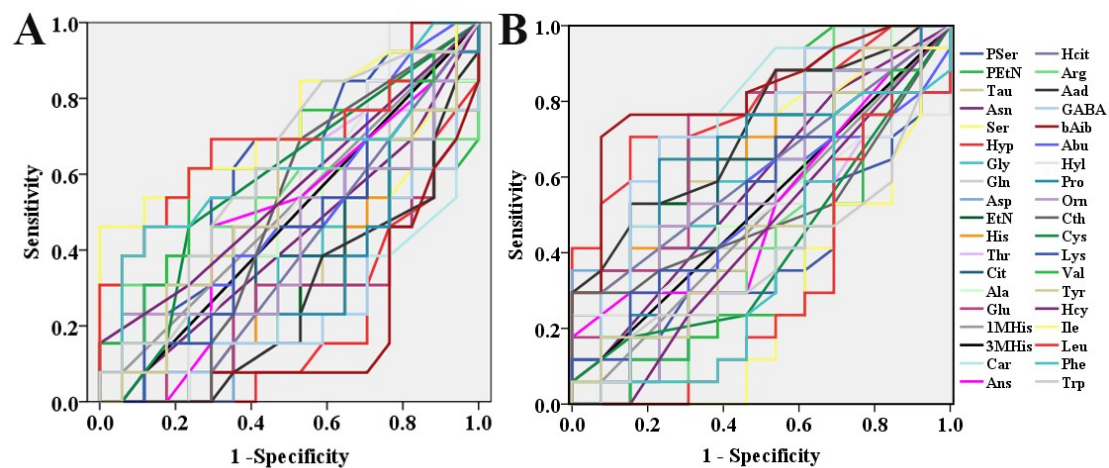


Fig. S3. ROC analysis of thirty-eight kinds of amino acids observed from our previous work ¹: (A) healthy persons and (B) GC patients.

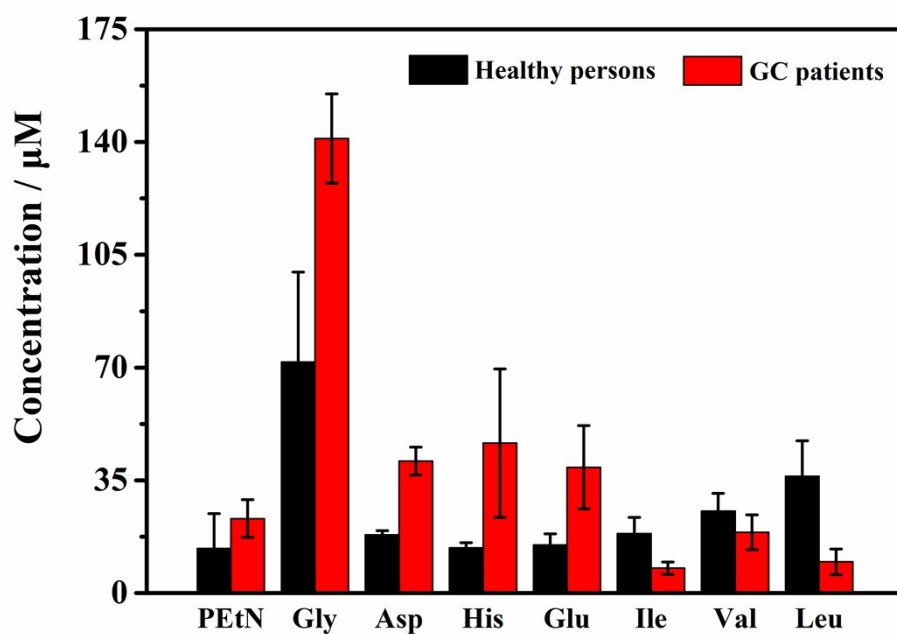


Fig. S4. The concentration distinction of selected amino acids in saliva from GC patients and healthy persons.

Reference

1. Y. Chen, S. Cheng, A. Zhang, J. Song, J. Chang, K. Wang, Y. Zhang, S. Li, H. Liu and G. Alfranca, *J Biomed Nanotechnol*, 2018, **14**, 1773-1784.