Electronic Supplementary Material (ESI) for New Journal of Chemistry

Electronic Supplementary Information

A universal strategy for the facile synthesis of sandwich-structured Ptgraphene-Pt nanocomposite for Salbutamol sensing

Xiaofei Zhu a,b,†, Xuemin Duan a,†, Jingkun Xu a,*, Limin Lu b,*, Kaixin Zhang c, Huakun Xing a, Yansha Gao a, Taotao Yang a, Wenmin Wangb

^aSchool of Pharmacy, Jiangxi Science and Technology Normal University, Nanchang 330013, PR China.

^bCollege of Science, Jiangxi Agricultural University, Nanchang 330045, PR China.

^cCentre for Nanoscale BioPhotonics, Macquarie University, North Ryde, 2109, NSW, Australia.

[†]These authors contributed equally to this work and should be considered co-first authors.

*Corresponding author. E-mail: xujingkun@tsinghua.org.cn (J.-K.Xu), lulimin816@hotmail.com (L.-M. Lu)

Tel.: +86 791 8537967; Fax: +86 791 3823320

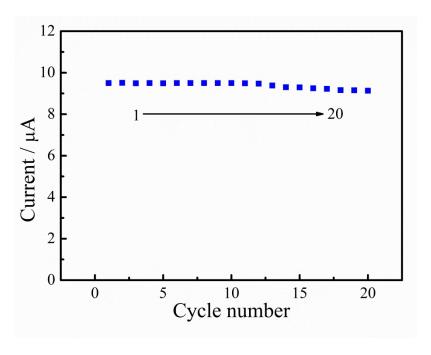


Fig. S1 Current response at P-Gr-P/GCE towards 20 μ M SAL after performing different cyclic voltammetry cycles. Other conditions were the same as Fig. 3.

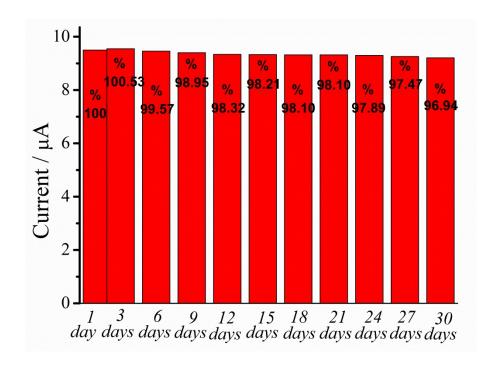


Fig. S2 Detection of 20 μM SAL at one P-Gr-P modified electrode after certain days. Other conditions were the same as Fig. 3.