

Electronic Supplementary Information (ESI)

Sensitive detection of enrofloxacin by an electrochemiluminescence immunosensor based on gold-functionalized C₆₀ and Au@BSA nanoflowers

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Results and discussion

Repeatability and stability of the immunosensor

Seven assembled electrodes were determined 10 ng mL^{-1} Enro in pH 7.4 PBS buffer containing $0.1 \text{ M K}_2\text{S}_2\text{O}_8$ and the resulting signal was shown in below. The RSD was 4.8% indicated that this sensor has acceptable reproducibility.

Table S1 ECL signal of 7 assembled electrodes

Sample	1	2	3	4	5	6	7
ECL intensity	6198.6	6206.4	6205.4	6203.4	6192.4	6198.8	6201.6

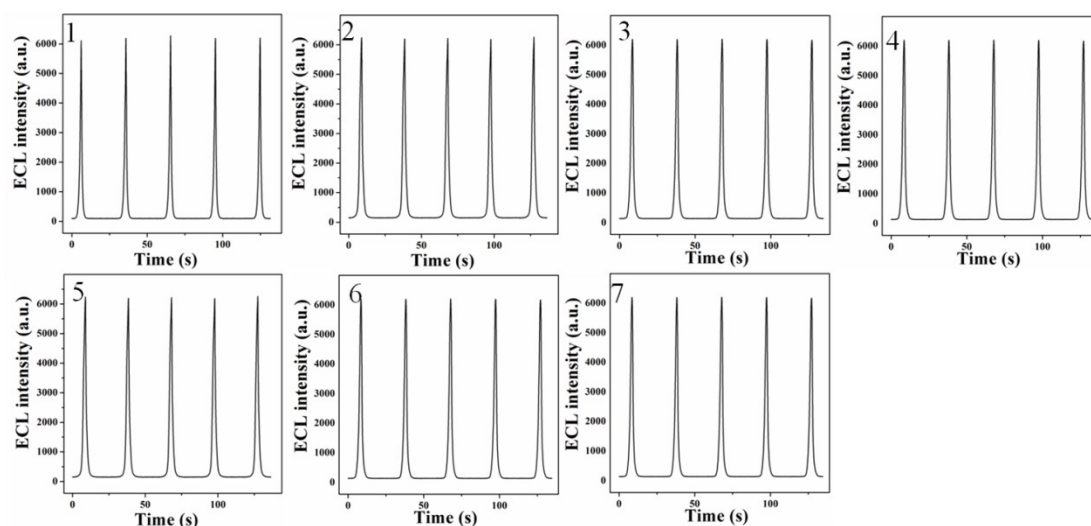


Fig. S1 Seven assembled electrodes were determined 10 ng mL^{-1} Enro in pH 7.4 PBS buffer containing $0.1 \text{ M K}_2\text{S}_2\text{O}_8$.