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## An asynchronous-alternating merging-zone flow-injection gold nanoparticles probe method for determining anti-diabetic pioglitazone hydrochloride medicine

Guo-Qi Zhang<sup>a</sup>, Yong-Sheng Li\*<sup>a</sup>, Xiu-Feng\*<sup>b</sup>

<sup>a</sup> School of Chemical Engineering, Sichuan University, Chengdu 610065, China. Email: lysgxf2005@qq.com

<sup>b</sup> West China School of basic medical sciences and forensic medicine, Sichuan University, Chengdu 610065, China. Email: xiufengg@163.com



Fig. S1 is the absorption spectra of AuNPs with positive charge and PGH/AuNPs mixture.



Fig. S2. Investigation on the selectivity of the FIA system used for pioglitazone detection. The pioglitazone concentration is 3 mg/L, the concentrations of pharmaceutic adjuvants and common inorganic ions are 100 mg/L.