Correction to: Photoelectrochemical sensing of dopamine using gold-TiO₂ nanocomposites and visible-light illumination

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The published version of this article, unfortunately, contains error. The author found out that Chinese characters are shown in Scheme 1a. Given in this article is the correct image.

The online version of the original article can be found at <https://doi.org/10.1007/s00604-019-3401-1>

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Scheme 1 (a) Synthesis of Au/P25 nanocomposites; (b) The Mechanism of photogenerated electron–hole pair for the detection of DA

In addition, in the experimental section: **Synthesis of Au/P25 nanocomposites**, this section should read as below:

Synthesis of Au/P25 nanocomposites

In a typical preparation [40], 0.2 g P25 powder annealed in air at 450 °C was dispersed in 20 mL ethanol with magnetic stirring. Nitrogen was used to drain the oxygen before UV illumination. The light was turned off after one hour of illumination. Then 0.1 mL HAuCl_4 solution (1 wt.%)

mixed with 2 mL ethanol was injected into the blue solution with a syringe under rigorous stirring. After stirring for 2 h, the powder was separated by centrifugation, washed with deionized water and ethanol for several times, and vacuum dried at 80 °C for 12 h.

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