

Supplementary Information for

C₃N₄ Nanosheet Modified Microwell Array with Enhanced Electrochemiluminescence for Total
Analysis of Cholesterol at Single Cells

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Figure S1. The luminescence ratio from (A) Au NPs/ITO slides and (B) C_3N_4 nanosheet coated Au NPs/ITO slides before and after the addition of 50 μM hydrogen peroxide.

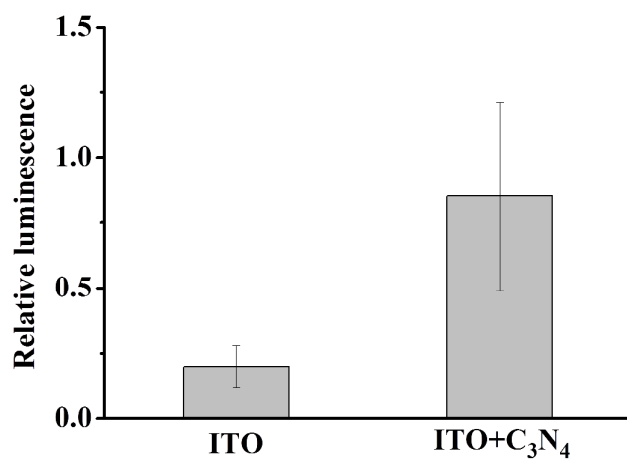


Figure S2. (A) The bright-field image of C_3N_4 nanosheet coated Au NPs/ITO slides; (B-G) The typical luminescence image of 500 nM, 1, 5, 10, 20 and 50 μM hydrogen peroxide in microwells.

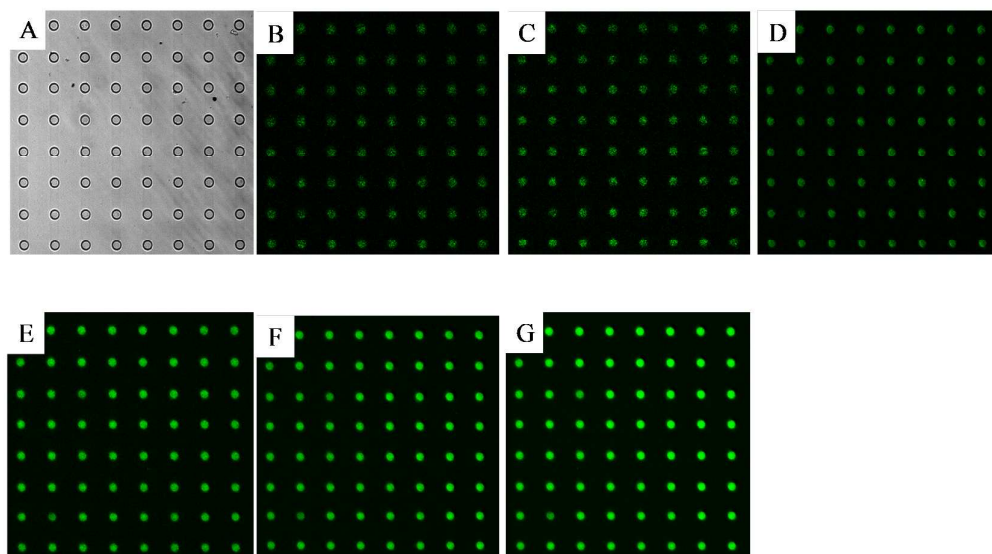


Figure S3. The bright-field image of microwells with single cells.

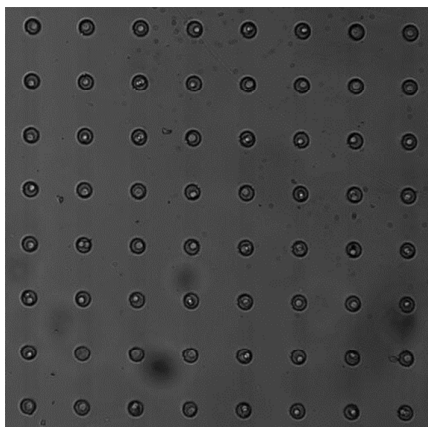


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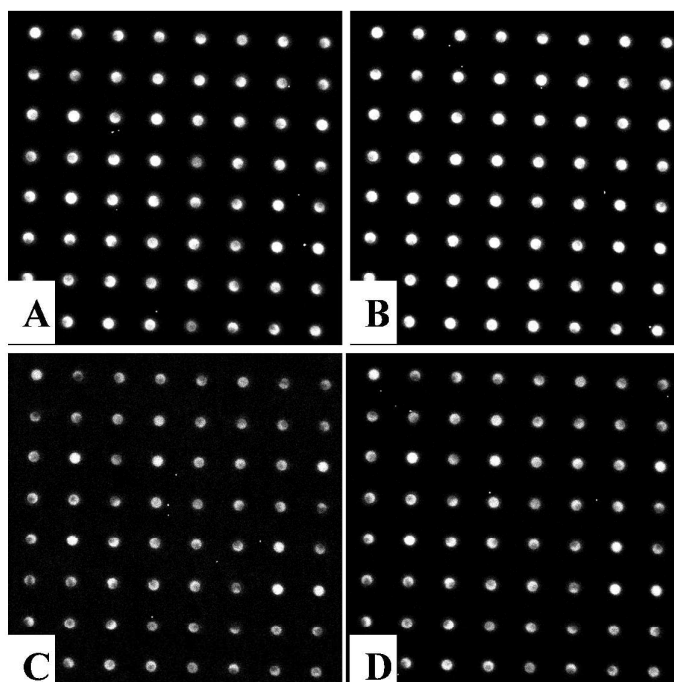


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