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# Fluorescence Turn-On Detection of Fenitrothion using Gold Nanoparticle Quenched Fluorescein and its Separation using Superparamagnetic Iron Oxide Nanoparticle

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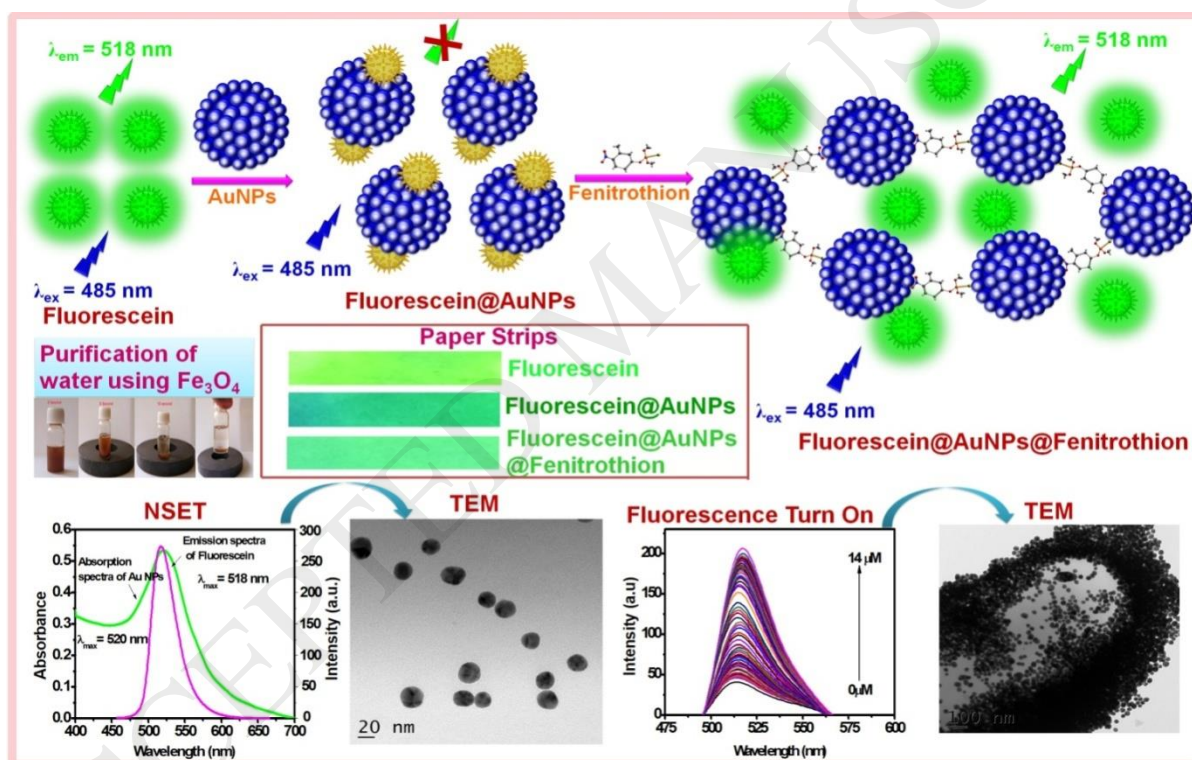
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## Graphical abstract



**Graphical abstract:** The graphical abstract depicting the mechanism of Nanometal Surface Energy Transfer (NSET) of the quenching of fluorescence of fluorescein by gold nanoparticle and its turn on by fenitrothion.

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