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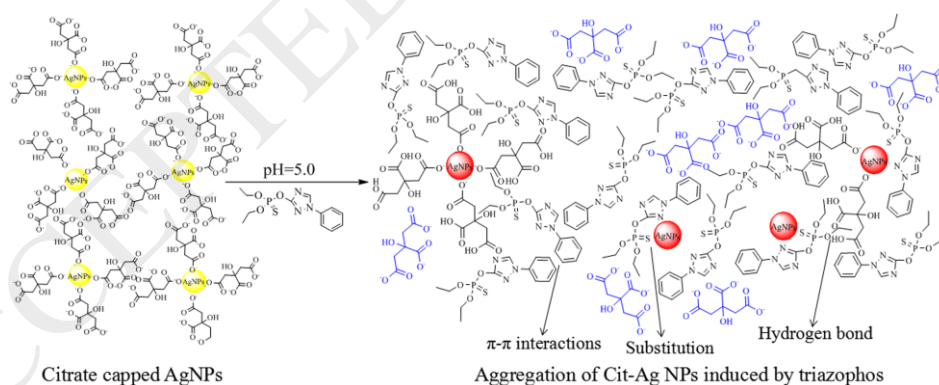
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GRAPHICAL ABSTRACT



Schematic presentation of triazophos induces citrate capped silver nanoparticles (Cit-AgNPs) aggregation and triggers a visible color change. The Cit-AgNPs bind up with triazophos through hydrogen bonding, π - π interactions and substitution, resulting in the color change from yellow to prunosus.

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