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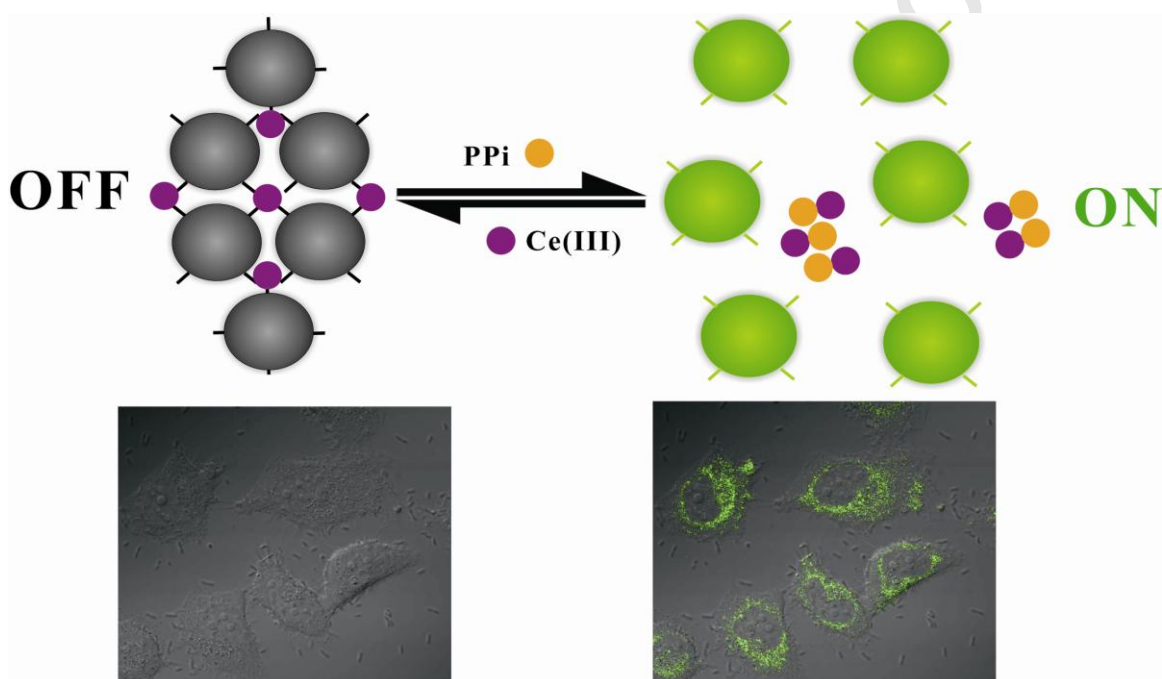
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## Graphical Abstract

## A Reversible Fluorescence Nanoswitch by Integrating Carbon Quantum Dots Nanoassembly and Pyrophosphate Ion

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A reversible fluorescence nanoswitch by integrating carbon quantum dots/Ce(III) nanoassembly and pyrophosphate ion was developed. This nanoswitch can serve as a highly sensitive sensing platform for PPI detection, and operate well inside human Hela cells.

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