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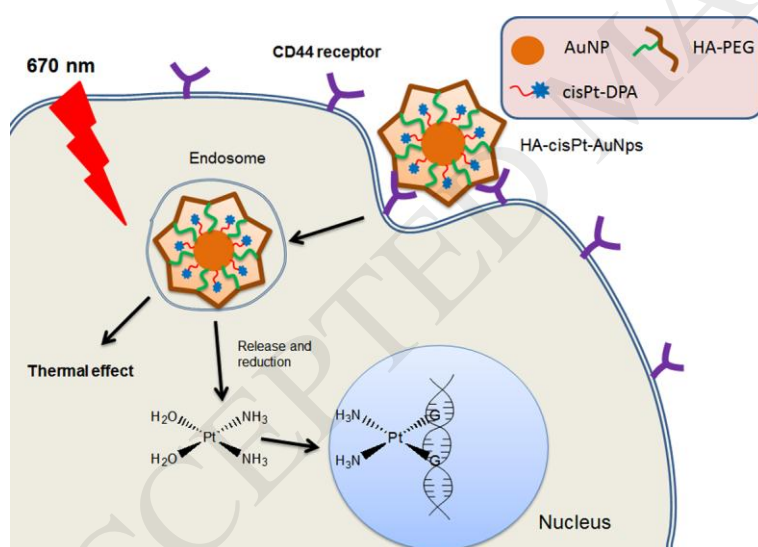
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Graphical abstract



Abstract

Gold nanoparticles are widely utilized for medical applications such as drug carriers and therapeutic and diagnostic agents due to their small size and great surface area. In the present

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