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A Review on Loaded Silver Nanoparticles to the Activity Treatment of Antimicrobial and Antibacterial Activity

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Abstract: *Silver nanoparticles (AgNPs) represent a promising advancement in nanotechnology, combining the unique properties of silver with additional functional agents such as drugs, polymers, or biomolecules. The review paper defines and describes their scope highlights their versatile applications across medicine, agriculture, environmental remediation, and industrial processes. Their ability to serve as antimicrobial agents, drug carriers, and diagnostic tools makes them a significant focus for modern research and innovative therapeutic strategies.The analysis shows that these nanoparticles can serve as effective drug delivery systems, antimicrobial agents, and diagnostic tools, confirming their relevance in modern nanotechnology.*

Keywords: Nanotechnology, Nanoparticles, Loaded Silver Nanoparticles

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