and Staphylococcus aureus, as well as antifungal activity against Tricho
been demonstrated by silver nanoparticles (AgNP). AgNPs function in both
the death of cancer cells. With the addition of Enterobacteriaceae cell ýltrate (
and Enterobacter cloacae) to AgNO3 solution, the silver ions are rapidly reduc
pH, and AgNO3 concentration all inþuence the size of AgNPs generated using E
and Enterobacter cloacae, all of which create AgNPs. Since pH is essential for t
this element increases the reactivity of plant extract with silver ions. Silver nano
ml were prepared and used in this analysis. 200εl of bacterial suspensi {   s ua

Keywords:

Introduction

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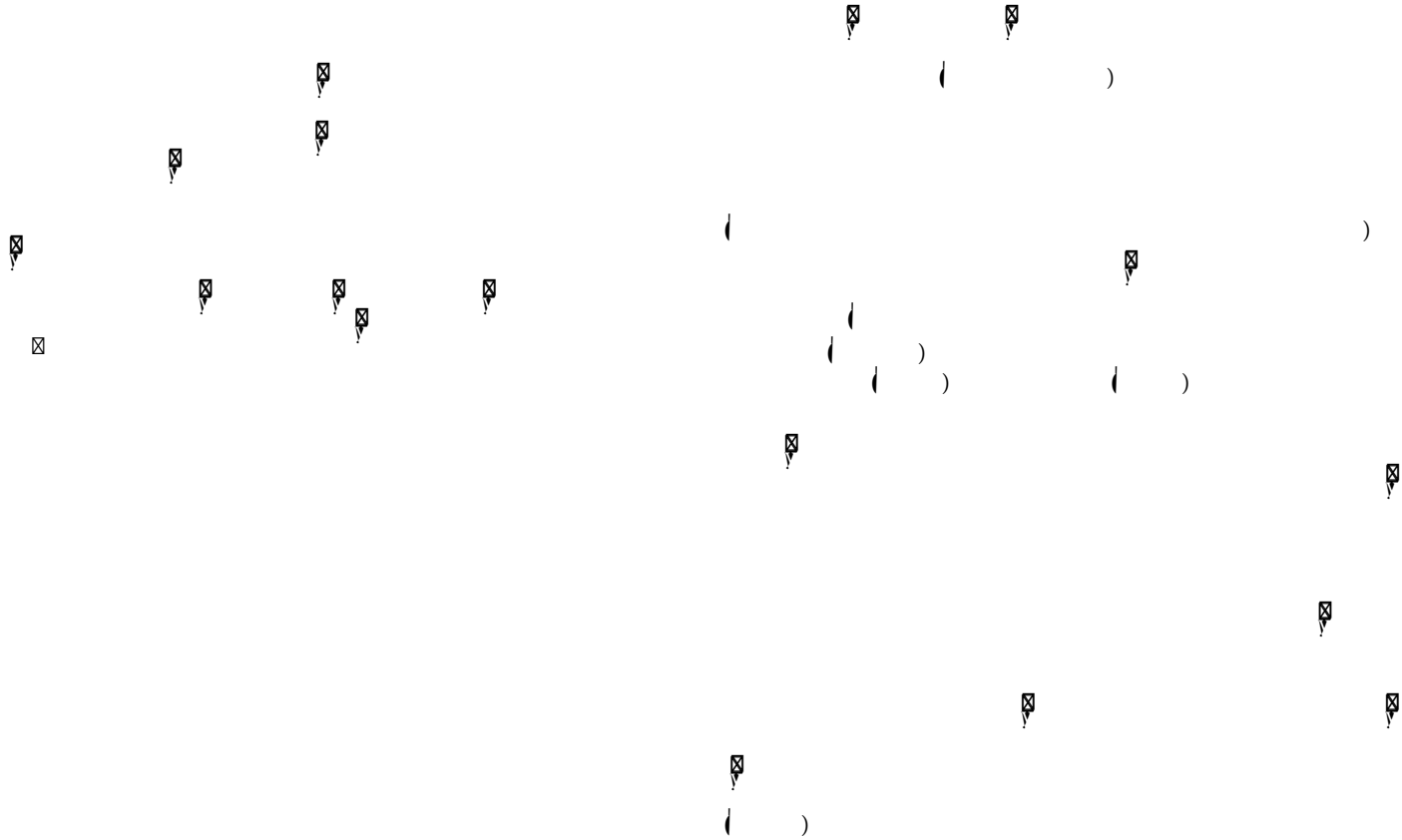

s.no	Article/Author	Reducing Agent	Particle Characterization	Particle Characterization	Particle Characterization
1	Biosynthesis of Silver Nanoparticles Using Aqueous Extract from the Compactin Producing Fungal Strain.	Penicillium brevicompatum	1 mM, 25°C, 72 hr Shake	UV-Vis TEM XRD FTIR	Size ð 17.8 nm Structure ð FCC
2	Silver-NanoBiohybrid Material: Synthesis, CharacteriA [illegible] ra i [illegible]	[illegible]	Sim [illegible]	[illegible]	[illegible]
	Si "				
	FTIR				

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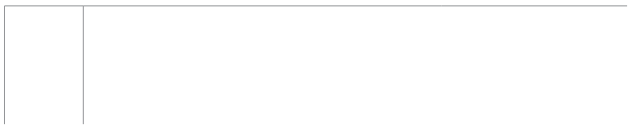
Citation: Thirunavukarasu K, Siham MA, Jayachandran J, Rao M, Raj G, et al. (2023) Green Synthesis of Silver Nanoparticles. J Biotechnol Biomater, 13: 324.



Test for Tannins:

Characterization of biosynthesized silver nanoparticles(AgNPs):

UV-Visible spectroscopy:

Fourier Transform Infrared Spectroscopy (FTIR):

Scanning Electron Microscopy (SEM):

Transmission Electron Microscopy (TEM):

Dynamic Light Scattering (DLS) and Zeta potential :

Antibacterial activity of biosynthesized silver nanoparticles (AgNPs):

Agar well di usion method:

Minimum Inhibitory Concentration (MIC):

Citation: Thirunavukarasu K, Siham MA, Jayachandran J, Rao M, Raj G, et al. (2023) Green Synthesis of Silver Nanoparticles. J Biotechnol Biomater, 13: 324.

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