









### CONCLUSION

The current study concluded that mushroom (*Agaricus bisporus*) synthesized by Ag-NPs revealed significant inhibitory action and has great potential as antimicrobial compound against tested pathogens because of the tested resistant bacteria to an antibiotic, established their vulnerability to antibiotics combined with Ag-NPs. Though, production of nanoparticles may strongly terminate the chemical agent's problem, which has possible side effects against its application.

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