**Journal of Current Biochemical Report**

Dear Editor-in-Chief:

I am pleased to submit a Review article entitled “an overview of Nanoparticle production and their action as antimicrobial agents” for consideration for publication inthe Journal of Current Biochemical Report.

In this manuscript, we show studies suggesting that these plant gum nanoparticles have great potential in the treatment of multi-drug resistant bacteria such as methicillin-resistant Staphylococcus aureus (MRSA), Vancomycin-Resistant Enterococci(VRE), multidrug-resistant Gram-negative bacteria (MDR-GNB). Also studies have indicated that these substances have great anti-cancer effects due to they’re anti-inflammatory rolls. Out of all of the plant gums, Gum Arabia, gum Karaya, Kondagogu gum and gum Tragacanth, Guar gum and gum Ghatti have gathered more interest as anti-inflammatory subjects for studies by scientists because of their several pros. Among various metallic or non-metallic NPs, most frequent of them in these studies are AgNPs (silver nanoparticles) and AuNPs (Gold nanoparticles). According to these studies, AgNPs have a more bactericidaleffect than AuNPswich is due to them being more bioavailable and being more of an antioxidant.

We believe that this manuscript is appropriate for publication by the Journal of Current Biochemical Report. because we have shown Plant based synthesis and stabilization of metal/metal oxide NPs have been successfully implemented by many researchers worldwide. These techniques have various advantages including being more affordable physically and financially, having better drug distribution and having easier production. Each year scientists are getting more keen on researching a bout these green NPs because of various reasons including the significant growth in the number of antibiotic resistant bacteria or climate change. Also these plant gum nanoparticles can be afforded and produced easily. This manuscript has not been published and is not under consideration for publication elsewhere. We have no conflicts of interest to disclose.

Thank you for your consideration

Sincerely,

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review of plant gum NP prodution and their anti-inflammatory action