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## SYNTHESIS AND CHARACTERIZATION OF QUERCETIN-CONJUGATED GOLD NANOPARTICLES

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## ABSTRACT

Gold nanoparticles and quercetin-conjugated gold nanoparticles complex were synthesized using trisodium citrate as reducing agent. Both kinds of nanoparticles were characterized using spectrophotometry, dynamic light scattering and zeta potential measurements. Comparison of the results confirmed successful synthesis of quercetin-conjugated gold nanoparticles complex.