

S1-5.33**Chronic Toxicity of Silver Nanoparticles**

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The unique physical and chemical properties of silver nanoparticles make them excellent candidates for a variety of purposes in various fields, but the rhythm of using nanoscale materials is rapidly growing and possible ecotoxicological effects, are still unrated exactly. It requires determining the prospects for silver nanoparticles applications in medicine as one of the most attractive trading nanomaterials for applications. This paper attempts to provide a comprehensive understanding of the effects and the possible toxicological considerations of the silver nanoparticles both for animals and for human body.