

Therapeutic Roles of Protein-Based Nanoparticles With The Anti-Cancer Properties †

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Abstract: Nowadays, the nanotechnology fields are improving. Its utilization is high and useful for the medical and the biotechnology field. They are also involved in treating cancer and other hyperthermia gold, silver, and magnetic-based nanoparticles. *In vitro* method of using a nanoparticle in various purposes in the biotechnology and agricultural and also in the medical field to find the problem of the people and give the solution for the future we need by using nanotechnology we can able to solve many things of the human and animal and other microorganisms. Here we presented protein-based nanoparticles, especially lectin-based. Lectins are carbohydrate-binding proteins, and few of them have shown anti-cancerous properties. The idea is to make nanoparticles using lectin and used against cancer.

Keywords: microorganisms; nanoparticles; biotechnology; proteins.

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Conflicts of Interest

The authors declare no conflict of interest.