



## Application of Silver Nanoparticles in Fishery Products Industry

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### **Abstract:**

Nanoparticles due to their unique physical and chemical properties can be used in many biological and environmental studies. Attention is currently focused on the use of nanotechnology products in the food industry as well as biomedicine. Silver nanoparticles are one of the most important nanomaterials synthesized among all metal nanoparticles. Different microorganisms can play an important role in bioreduction of metal ions and turning them into nano form in an extracellular form. So today, the production of nanoparticles based on the principles of green chemistry, which is environmentally friendly, has found a special place in the research of the fisheries and biotechnology industry. In this study, the biological synthesis of silver nanoparticles and its application in the processing industry of fishery products have been addressed.

**Keywords:** Biosynthesis, Silver nanoparticles, Fisheries, Processing