

Abstract

Currently, nanotechnology has been developed to be one of the most important and unique modern means that have been used widely in many areas. The various physicochemical properties it has, let it to be applied in several fields, such as pharmaceuticals, electrical technology, electronics, food, cosmetics, and others. Nanotechnology gives an advanced understanding of different elemental levels, including both the atomic and the molecular, so it has a good relation with biological systems. The main findings of this review are to do a new method of preparing green silver nanoparticles. As silver nanoparticles have a very special antimicrobial activity, is has been used widely in this field in antiseptic preparations, for example. In addition, green synthesis of nanoparticles has special features, such as low cost and easy preparation for large quantities, with an excellent effect and no harmful effects on the environment.