

Cordy gold nanoparticles (Cor-AuNPs)

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About Cordy gold nanoparticles (Cor-AuNPs):

- **Cordy gold nanoparticles (Cor-AuNPs)** is the outcome of a collaborative experiment by scientists from four Indian institutions, has earned an international patent from Germany.
- These nanoparticles, derived from the synthesis of the extracts of Cordyceps militaris and gold salts, could make drug delivery in the human body faster and surer.
- **Cordyceps militaris** is a high value parasitic fungus, lab-grown at the Department of Biotechnology's Technology Incubation Centre (TIC) in Bodoland University, one of the collaborators of the patented research work.
- Gold salts are ionic chemical compounds of gold generally used in medicine.
- Wild Cordyceps mushroom is found in the **eastern Himalayan belt**.

Penetration:

- Penetration in the cells is more when the drug particles are smaller.
- Cordyceps militaris, called super mushroom because of its tremendous medicinal properties, adds bioactive components to the synthesis of gold nanoparticles for better penetration.

Source: <https://vajiramandravi.com/current-affairs/cordy-gold-nanoparticles-cor-aunps/>

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