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Title: Preparation and characterization of silver nanoparticle loaded amorphous hydrogel of carboxymethylcellulose for infected wounds

Author: Anup Das Ajay Kumar Niranjana B. Patil Chandra
Viswanathan Deepa Ghosh



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Highlights

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- Silver nanoparticle (SNP) loaded amorphous gel was developed for infected deep wounds.
- SNPs were developed *in situ* without using any toxic reducing agent or organic solvent.
- SNP-CMC exhibited high antibacterial activity against different strains including MRSA.

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