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Nanoengineered hollow mesoporous silica nanoparticles for the delivery of antimicrobial proteins into biofilms

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Abstract

The delivery of bactericidal proteins into biofilms is challenging. Hollow mesoporous silica nanoparticles with large cone-shaped pores were synthesized to deliver antimicrobial proteins into biofilms and showed enhanced antimicrobial activities.

Keywords

KeyWords Plus: BACTERIAL BIOFILMS; ENZYME IMMOBILIZATION; INFECTIONS; RELEASE; RESISTANCE; PARTICLES; SPHERES; SHAPE

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