

EFFECT OF NANOPARTICLES ON POLYMICROBIAL BIOFILMS IN ENDODONTICS

NANOMATERIALS offer unique physicochemical properties due to their larger surface-to-volume ratio and a higher number of atoms present near the surface. These advantages can be leveraged to design specific materials capable of interacting with tissues to achieve maximum antimicrobial efficacy with minimal toxicity possible

SILVER NANOPARTICLE

S – release of Ag^+ ions that interact with bacterial cell membranes and cause disruptions and damage to DNA and enzymatic functions

