

Investigation of Antimicrobial Effects of Polydopamine Based Composite Coatings

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Supplementary Information

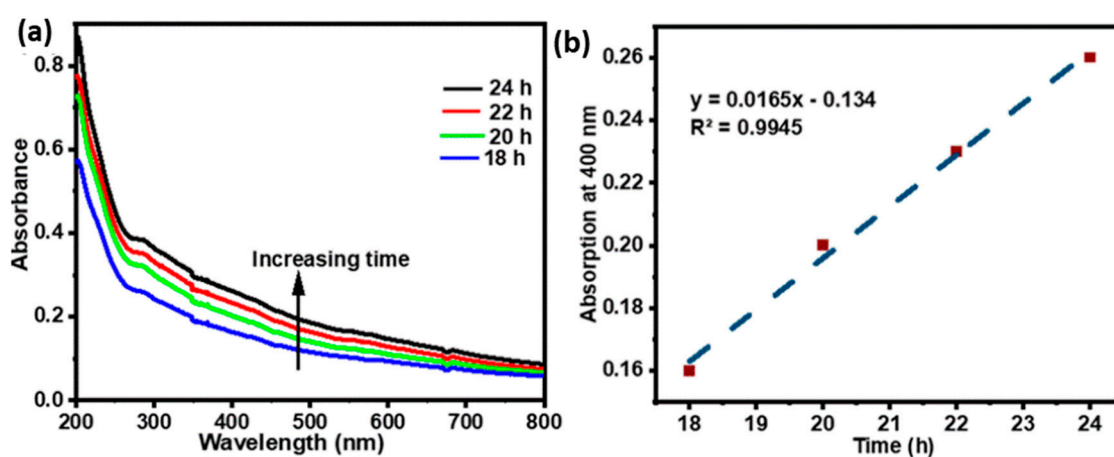


Figure S1: (a) UV-Visible spectra of PDA coated quartz slides at variable timings; and (b) Linear relationship of the absorbance of PDA coating with respect to polymerization time.

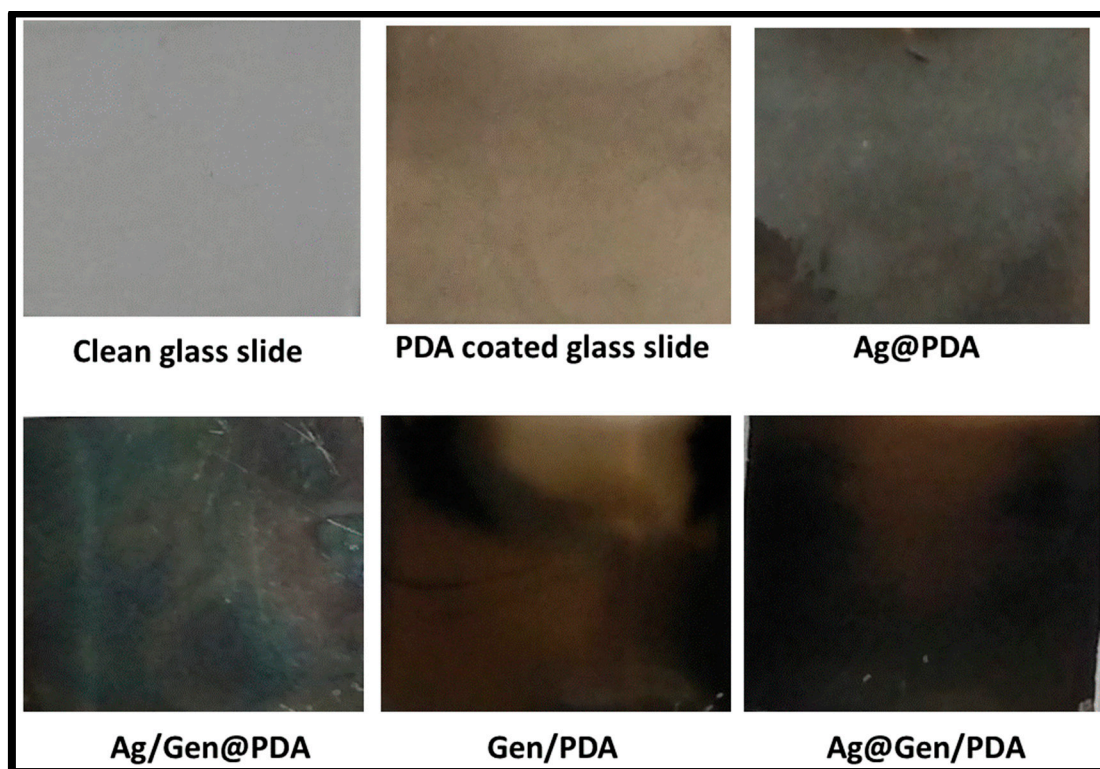


Figure S2: Visual photographs obtained for PDA coatings

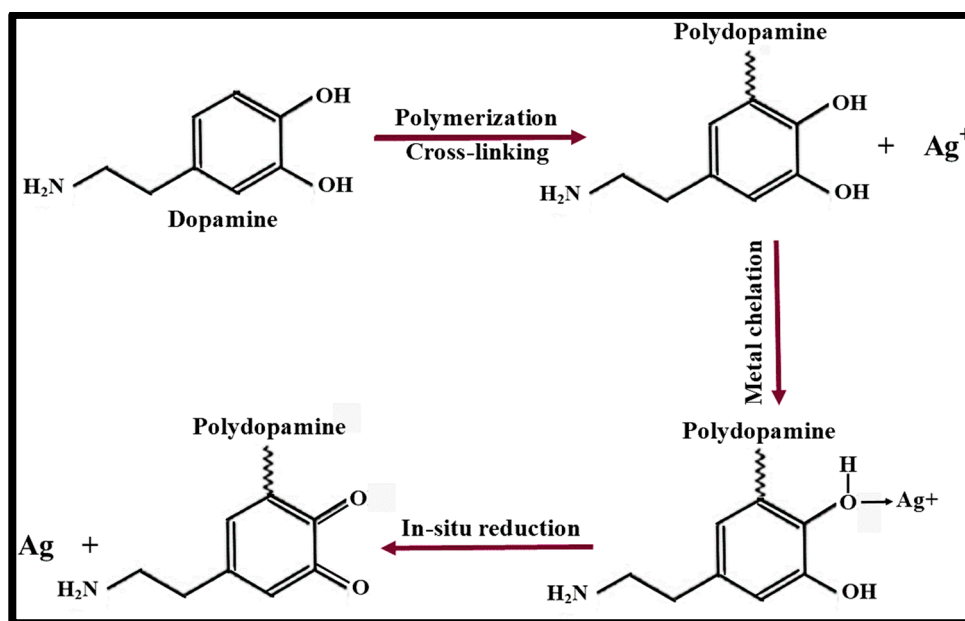


Figure S3: Possible mechanism of AgNPs loading on PDA coated glass substrates.

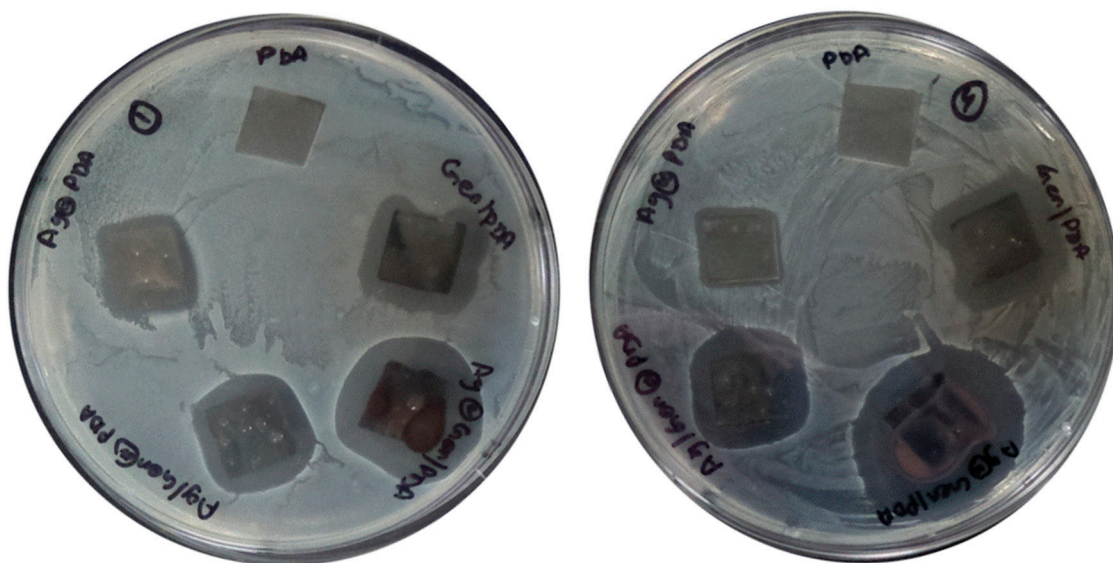


Figure S4: Duplicate petri dishes showing zones of inhibition against *S. aureus*. Numbers Petri dishes were numbered while an experiment.

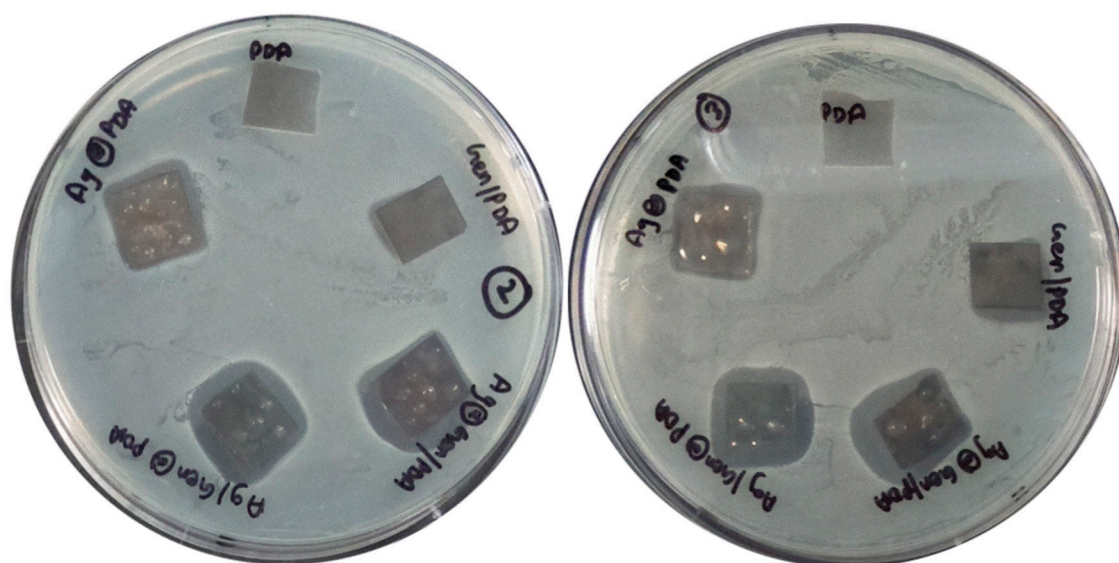


Figure S5: Duplicate petri dishes showing zones of inhibition against *E. coli*. Numbers Petri dishes were numbered while an experiment.

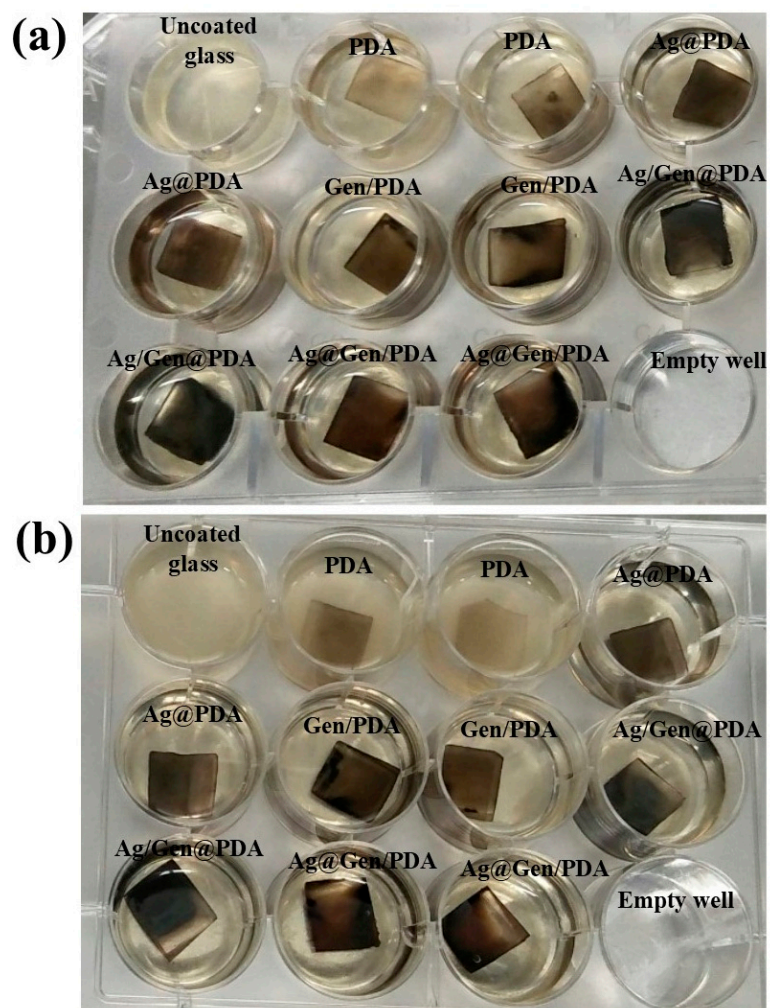


Figure S6: 12-well plates showing the solution turbidity for each slide against (a) *S. aureus* and (b) *E. coli* respectively. Measurements were carried out in duplicates.

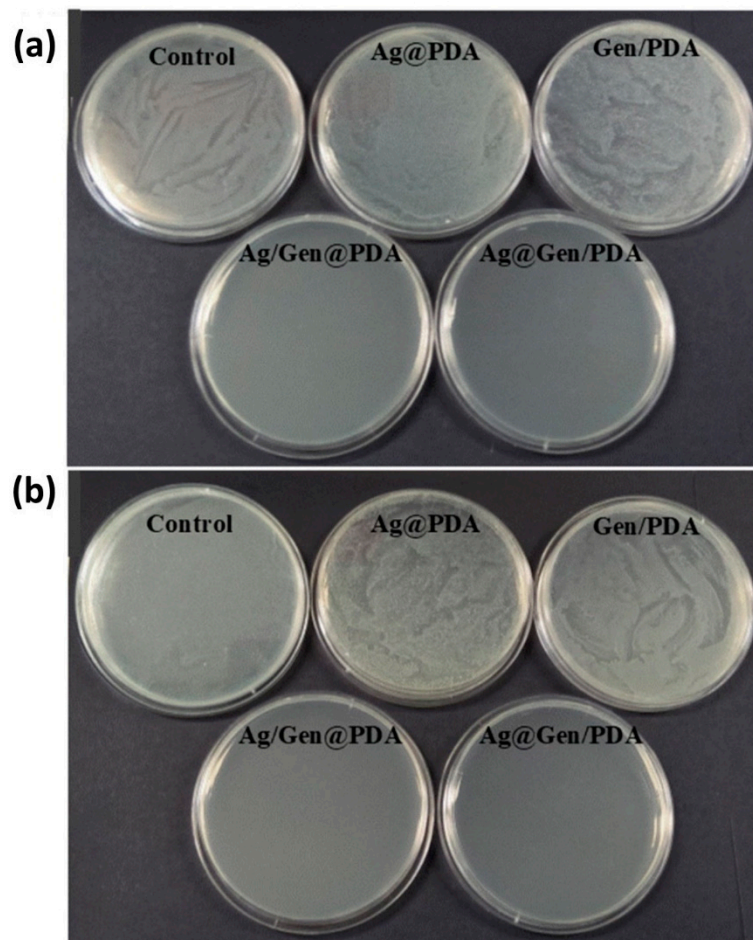


Figure S7: Observation of bacterial growth on nutrient agar plates against (a) *S. aureus* and (b) *E. coli*