Supplementary Material

Gentamicin-montmorillonite intercalation compounds as active component of hydroxypropylmethylcellulose bionanocomposite films with antimicrobial properties

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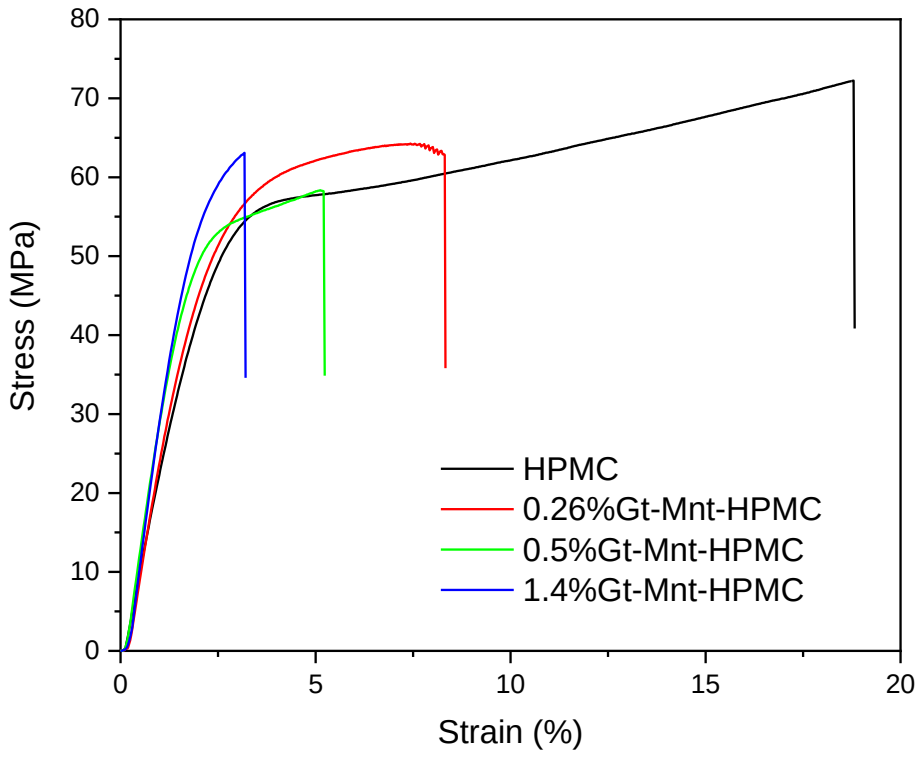

Fig. S1 Stress-strain plots of the HPMC film and Gt-Mnt-HPMC films with a 0.26%, 0.5% and 1.4% gentamicin content.

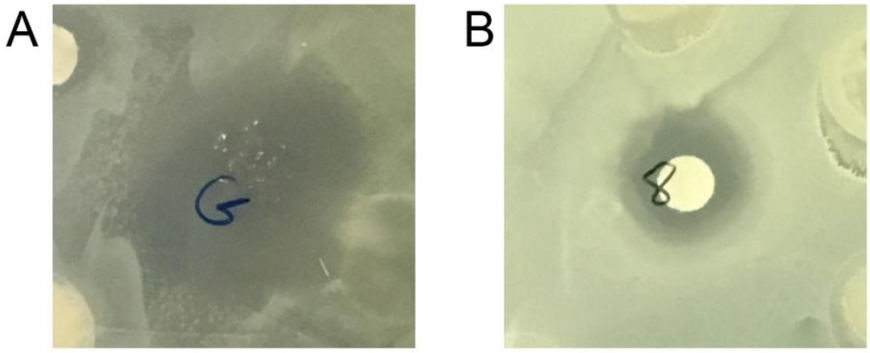

Fig. S2 Inhibition zones observed in agar plates for (A) HPMC film loaded with gentamicin against *E. coli*, and (B) gentamicin solution deposited on a disc of Whatman filter against *S. aureus*.