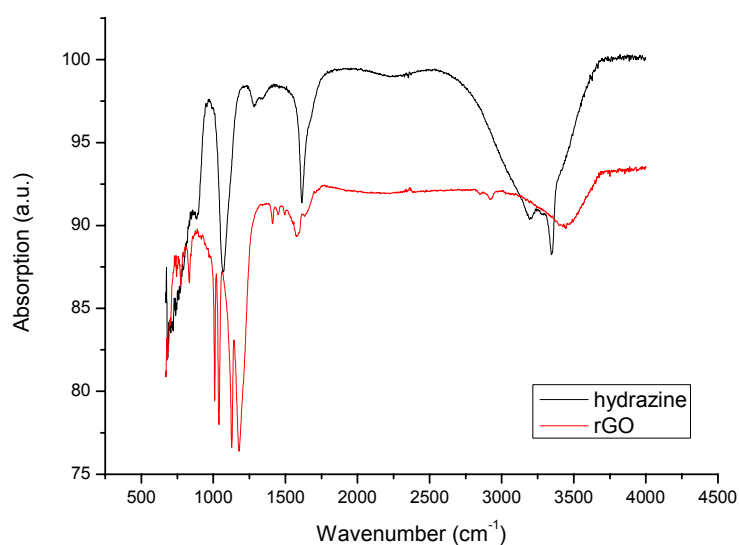


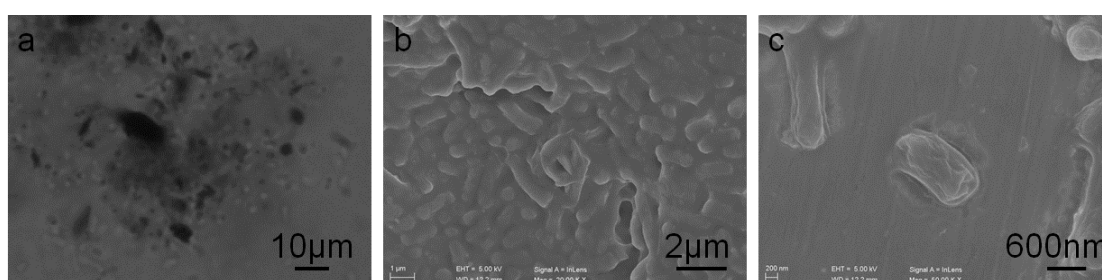
## Supplementary Information

# Facile synthesis of silver@graphene nanocomposites and their enhanced antibacterial properties

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**Fig. S1.** FT-IR analysis of the reduced GO nanosheets and hydrazine.



**Fig. S2.** (a) SEM and (b) optical image of the co-cultured rGO and *E. coli* mixture reveal the capturing action.