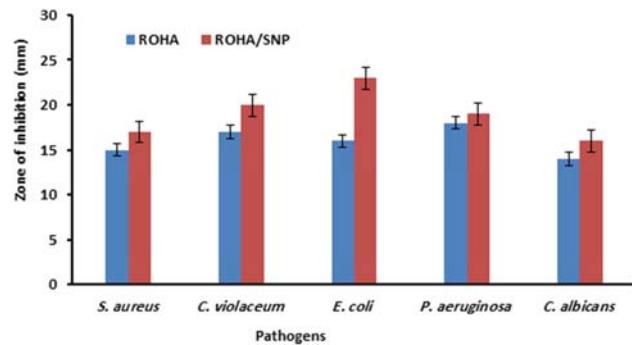
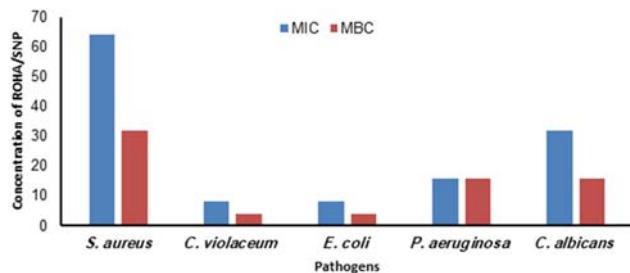


# Supplementary material



**Figure S1:** Antibacterial activity of ROHA and ROHA/ SNP nanocomposite.



**Figure S2:** MIC and MBC of ROHA/ SNP in with different pathogen.