

Supplementary data

Enhanced Efficiency of Antiseptics with Sustained Release from Clay Nanotubes

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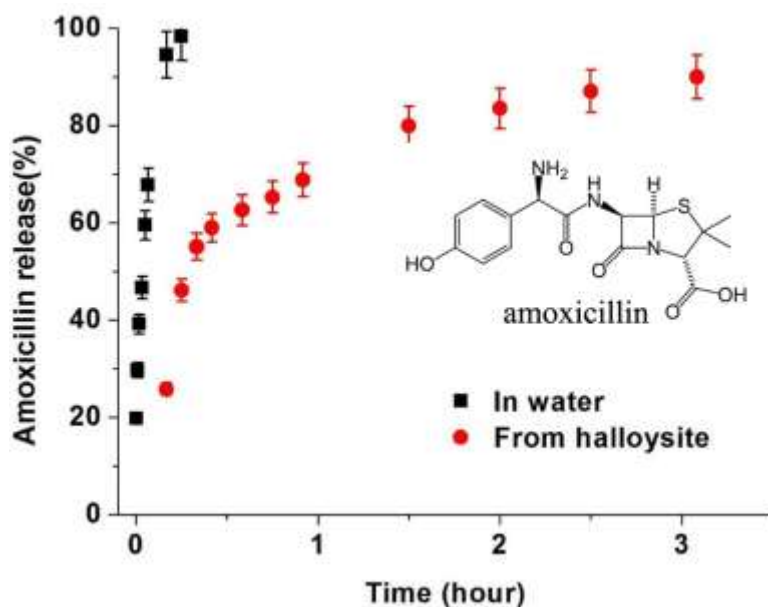


Figure S1. Release of amoxicillin from halloysite and in water. Compare with free amoxicillin release in water only 15 minutes, the loaded amoxicillin release 90% in three hours.

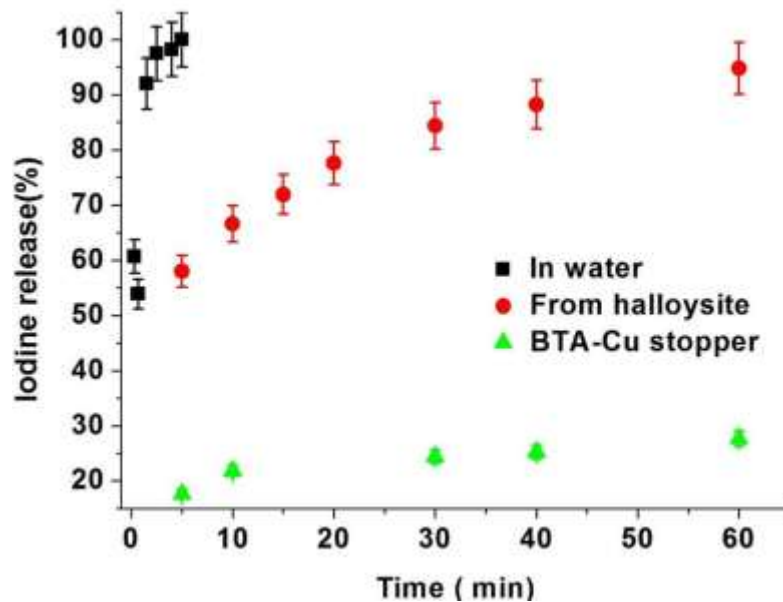


Figure S2. Iodine dissolution in water, and extended release of iodine encapsulated in halloysite, and halloysite with BTA-Cu tube-end stoppers. Free non-formulated iodine release in water within about 5 minutes, iodine loaded halloysite release 90% in 1 hour, however, loaded iodine with additional stopper significantly reduced release to 30% in 1 hour.