

Accepted Manuscript

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PII: S0304-3894(16)30534-9
DOI: <http://dx.doi.org/doi:10.1016/j.jhazmat.2016.05.089>
Reference: HAZMAT 17778

To appear in: *Journal of Hazardous Materials*

Received date: 22-1-2016
Revised date: 9-5-2016
Accepted date: 30-5-2016

Please cite this article as: Jing Jiang, Chang Zhang, Guang-Ming Zeng, Ji-Lai Gong, Ying-Na Chang, Biao Song, Can-Hui Deng, Hong-Yu Liu, The disinfection performance and mechanisms of Ag/lysozyme nanoparticles supported with Montmorillonite clay, *Journal of Hazardous Materials* <http://dx.doi.org/10.1016/j.jhazmat.2016.05.089>

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The disinfection performance and mechanisms of Ag/lysozyme nanoparticles supported with Montmorillonite clay

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Highlights:

- The prepared Ag/lyz-Mt exhibited excellent antibacterial activity.
- Montmorillonite was beneficial to the formation of homogeneous and small AgNPs.
- The generation of ROS induced by Ag/lyz-Mt was concentration-dependent.
- The dissolution kinetics was conducted to measure the potential risk of Ag/lyz-Mt.

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