Accepted Manuscript

Title: GO-AgCl/Ag nanocomposites with enhanced visible light-driven catalytic properties for antibacterial and biofilm-disrupting applications

Authors: Xinhuan Wang, Qiusen Han, Ning Yu, Tian Wang,

Chen Wang, Rong Yang

PII: S0927-7765(17)30801-9

DOI: https://doi.org/10.1016/j.colsurfb.2017.11.060

Reference: COLSUB 9011

To appear in: Colloids and Surfaces B: Biointerfaces

Received date: 3-6-2017 Revised date: 17-11-2017 Accepted date: 22-11-2017

Please cite this article as: Xinhuan Wang, Qiusen Han, Ning Yu, Tian Wang, Chen Wang, Rong Yang, GO-AgCl/Ag nanocomposites with enhanced visible light-driven catalytic properties for antibacterial and biofilm-disrupting applications, Colloids and Surfaces B: Biointerfaces https://doi.org/10.1016/j.colsurfb.2017.11.060

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



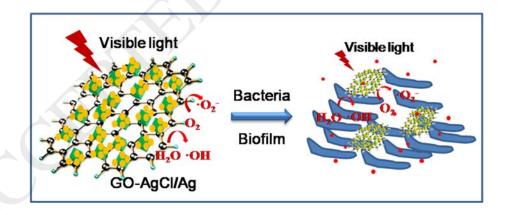
ACCEPTED MANUSCRIPT

GO-AgCl/Ag nanocomposites with enhanced visible light-driven catalytic properties for antibacterial and biofilm-disrupting applications

Xinhuan Wang, [-],a Qiusen Han, [-],a,b Ning Yu,*,c TianWang,a,b Chen Wang,*,a,b Rong Yang*,a,b

- a. Key Laboratory for Biomedical Effects of Nanomaterials and Nanosafety, CAS
 Center of Excellence for Nanoscience, National Center for Nanoscience and
 Technology, UCAS, Beijing 100190, China
- b. Sino-Danish College, Sino-Danish Center for Education and Research, UCAS, Beijing, 100190, China
- c. Chinese PLA General Hospital, Beijing 100853, China
- * Corresponding author: yangr@nanoctr.cn, +86-10-82545616 yuning12@sina.com, +86-10-82545616 wangch@nanoctr.cn, +86-10-8254561
- [-] These authors contributed equally to this work.

Graphical abstract



The enhanced antibacterial and biofilm-disrupting effects of GO-AgCl/Ag nanocomposites under visible light irradiation.

Download English Version:

https://daneshyari.com/en/article/6980715

Download Persian Version:

https://daneshyari.com/article/6980715

<u>Daneshyari.com</u>