## Accepted Manuscript

Title: Development of functionalized gold nanoparticles as nanoflare probes for rapid detection of classical swine fever virus

Authors: Pengbo Ning, Zhongxing Wu, Xuepeng Li, Yulu Zhou, Aoxue Hu, Xiaocheng Gong, Jun He, Yuqiong Xia, Kangkang Guo, Ruili Zhang, Xianghan Zhang, Zhongliang Wang



PII:	S0927-7765(18)30471-5
DOI:	https://doi.org/10.1016/j.colsurfb.2018.07.024
Reference:	COLSUB 9480
To appear in:	Colloids and Surfaces B: Biointerfaces
Received date:	28-1-2018
Revised date:	1-7-2018

Accepted date: 9-7-2018 Please cite this article as: Ning P, Wu Z, Li X, Zhou Y,

Please cite this article as: Ning P, Wu Z, Li X, Zhou Y, Hu A, Gong X, He J, Xia Y, Guo K, Zhang R, Zhang X, Wang Z, Development of functionalized gold nanoparticles as nanoflare probes for rapid detection of classical swine fever virus, *Colloids and Surfaces B: Biointerfaces* (2018), https://doi.org/10.1016/j.colsurfb.2018.07.024

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

Development of functionalized gold nanoparticles as nanoflare probes for rapid detection of classical swine fever virus

Pengbo Ning<sup>1,2,\*</sup>, Zhongxing Wu<sup>1</sup>, Xuepeng Li<sup>1</sup>, Yulu Zhou<sup>4</sup>, Aoxue Hu<sup>1</sup>, Xiaocheng Gong<sup>1</sup>, Jun He<sup>1</sup>, Yuqiong

Xia<sup>1,2</sup>, Kangkang Guo<sup>3</sup>, Ruili Zhang<sup>1,2</sup>, Xianghan Zhang<sup>1,2</sup> & Zhongliang Wang<sup>1,2,\*</sup>

<sup>1</sup>School of Life Science and Technology, Xidian University, Xi'an, Shaanxi 710071, PR China

<sup>2</sup> Engineering Research Center of Molecular and Neuro Imaging Ministry of Education, Xi'an, Shaanxi 710071,

PR China

<sup>3</sup> College of Veterinary Medicine, Northwest A&F University, Yangling, Shaanxi 712100, PR China

- <sup>4</sup> College of life science, Wuhan University, Wuhan, Hubei 430072, PR China
- \* Correspondence to: Pengbo Ning, email: <u>tommy0627@163.com</u>; Zhongliang Wang, email: <u>wangzl@xidian.edu.cn</u>

Competing interests: The authors declare that they have no competing interests.

Graphical abstract

Download English Version:

## https://daneshyari.com/en/article/6980114

Download Persian Version:

https://daneshyari.com/article/6980114

Daneshyari.com