

Accepted Manuscript

Oxygen-boosted immunogenic photodynamic therapy with gold nanocages@manganese dioxide to inhibit tumor growth and metastases

Ruijing Liang, Lanlan Liu, Huamei He, Zhikuan Chen, Zhiqun Han, Zhenyu Luo, Zhihao Wu, Mingbing Zheng, Yifan Ma, Lintao Cai



PII: S0142-9612(18)30402-2

DOI: [10.1016/j.biomaterials.2018.05.051](https://doi.org/10.1016/j.biomaterials.2018.05.051)

Reference: JBMT 18694

To appear in: *Biomaterials*

Received Date: 9 March 2018

Revised Date: 15 May 2018

Accepted Date: 28 May 2018

Please cite this article as: Liang R, Liu L, He H, Chen Z, Han Z, Luo Z, Wu Z, Zheng M, Ma Y, Cai L, Oxygen-boosted immunogenic photodynamic therapy with gold nanocages@manganese dioxide to inhibit tumor growth and metastases, *Biomaterials* (2018), doi: 10.1016/j.biomaterials.2018.05.051.

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.

Oxygen-Boosted Immunogenic Photodynamic Therapy with Gold Nanocages@Manganese Dioxide to Inhibit Tumor Growth and Metastases

Ruijing Liang^{a, #}, Lanlan Liu^{a, c, #}, Huamei He^a, Zhikuan Chen^{a, c}, Zhiqun Han^a, Zhenyu Luo^{a, c}, Zhihao Wu^a, Mingbing Zheng^{a, b, *}, Yifan Ma^{a, *} and Lintao Cai^{a, *}

¹ Guangdong Key Laboratory of Nanomedicine, CAS Key Lab for Health Informatics, Institute of Biomedicine and Biotechnology, Shenzhen Institutes of Advanced Technology (SIAT), Chinese Academy of Sciences, Shenzhen 518055, China.

² Dongguan Key Laboratory of Drug Design and Formulation Technology, Key Laboratory for Nanomedicine, Guangdong Medical University, Dongguan 523808, China.

³ University of Chinese Academy of Sciences, Beijing 100049, China

*Corresponding authors, E-mail: lt.cai@siat.ac.cn (L. Cai), mb.zheng@siat.ac.cn (M. Zheng), yf.ma@siat.ac.cn (Y. Ma).

These authors contributed equally to this paper.

Download English Version:

<https://daneshyari.com/en/article/6484433>

Download Persian Version:

<https://daneshyari.com/article/6484433>

[Daneshyari.com](https://daneshyari.com)