Accepted Manuscript

Aspect ratios of gold nanoshell capsules mediated melanoma ablation by synergistic photothermal therapy and chemotherapy

Hai Wang Ph.D, Ruifang Zhao M.S, Yiye Li Ph.D, Huiyu Liu Ph.D, Feng Li Ph.D, Yuliang Zhao Ph.D, Guangjun Nie Ph.D

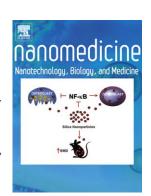
PII: S1549-9634(15)00591-2

DOI: doi: 10.1016/j.nano.2015.11.013

Reference: NANO 1226

To appear in: Nanomedicine: Nanotechnology, Biology, and Medicine

Received date: 12 June 2015 Revised date: 16 November 2015 Accepted date: 17 November 2015



Please cite this article as: Wang Hai, Zhao Ruifang, Li Yiye, Liu Huiyu, Li Feng, Zhao Yuliang, Nie Guangjun, Aspect ratios of gold nanoshell capsules mediated melanoma ablation by synergistic photothermal therapy and chemotherapy, *Nanomedicine: Nanotechnology, Biology, and Medicine* (2015), doi: 10.1016/j.nano.2015.11.013

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.

CCEPTED MANUS

Article type: ORIGINAL ARTICLE

Aspect ratios of gold nanoshell capsules mediated melanoma ablation by

synergistic photothermal therapy and chemotherapy

Hai Wang, Ph.D^{a,#}, Ruifang Zhao, M.S^{a,b,#}, Yiye Li, Ph.D^{a,*}, Huiyu Liu, Ph.D^c, Feng Li, Ph.D^a,

Yuliang Zhao, Ph.Da, Guangjun Nie, Ph.Da,*

^aCAS Key Laboratory for Biomedical Effects of Nanomaterials and Nanosafety, National Center

for Nanoscience and Technology of China, Beijing 100190, China

^bDepartment of Chemistry, Tsinghua University, Beijing 100084, China

^cLaboratory of Controllable Preparation and Application of Nanomaterials, Technical Institute of

Physics and Chemistry, Chinese Academy of Sciences, Beijing 100190, China

*Correspondence should be addressed to:

Guangjun Nie, Ph.D

CAS Key Laboratory for Biomedical Effects of Nanomaterials & Nanosafety

National Center for Nanoscience and Technology of China

11 Beiyijie, Zhongguancun

Beijing 100190, China

Tel:86-10-82545529

Email: niegi@nanoctr.cn

1

Download English Version:

https://daneshyari.com/en/article/10435873

Download Persian Version:

https://daneshyari.com/article/10435873

<u>Daneshyari.com</u>