

Accepted Manuscript

Hybrid Anisotropic Nanostructures for Dual-modal Cancer Imaging and Image-guided Chemo-thermo Therapies

Ruiping Zhang, Kai Cheng, Alexander L. Antaris, Xiaowei Ma, Min Yang, Sindhuja Ramakrishnan, Guifeng Liu, Alex Lu, Hongjie Dai, Mei Tian, MD., Ph.D., Zhen Cheng, Ph.D.

PII: S0142-9612(16)30329-5

DOI: [10.1016/j.biomaterials.2016.06.063](https://doi.org/10.1016/j.biomaterials.2016.06.063)

Reference: JBMT 17602

To appear in: *Biomaterials*

Received Date: 11 January 2016

Revised Date: 12 June 2016

Accepted Date: 29 June 2016

Please cite this article as: Zhang R, Cheng K, Antaris AL, Ma X, Yang M, Ramakrishnan S, Liu G, Lu A, Dai H, Tian M, Cheng Z, Hybrid Anisotropic Nanostructures for Dual-modal Cancer Imaging and Image-guided Chemo-thermo Therapies, *Biomaterials* (2016), doi: 10.1016/j.biomaterials.2016.06.063.

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.



Hybrid Anisotropic Nanostructures for Dual-modal Cancer Imaging and Image-guided Chemo-thermo Therapies

*Ruiping Zhang,^{†ab} Kai Cheng,^{†b} Alexander L. Antaris,^c Xiaowei Ma,^b Min Yang,^b Sindhuja
Ramakrishnan,^b Guifeng Liu,^b Alex Lu,^b Hongjie Dai,^c Mei Tian,^{*d} Zhen Cheng^{*b}*

^a Department of Radiology of The First Hospital of Shanxi Medical University, Molecular imaging precision medical Collaborative Innovation Center, Shanxi Medical University, Taiyuan, Shanxi, 030001, China

^b Molecular Imaging Program at Stanford (MIPS), Canary Center at Stanford for Cancer Early Detection, Department of Radiology and Bio-X Program, School of Medicine, Stanford University, 1201 Welch Road, Lucas P095, Stanford, CA 94305-5484, USA

^c Department of Chemistry, Stanford University, California 94305, United States

^d Department of Nuclear Medicine and PET Center, The Second Hospital of Zhejiang University School of Medicine, Hangzhou, Zhejiang 310009, China

[†] These authors contributed equally.

*Corresponding Author

Zhen Cheng, Ph.D.

Download English Version:

<https://daneshyari.com/en/article/6484897>

Download Persian Version:

<https://daneshyari.com/article/6484897>

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