

Accepted Manuscript

A bifunctional scaffold with CuFeSe₂ nanocrystals for tumor therapy and bone reconstruction

Wentao Dang, Tao Li, Bo Li, Hongshi Ma, Dong Zhai, Xiaocheng Wang, Jiang Chang, Yin Xiao, Jinwu Wang, Chengtie Wu

PII: S0142-9612(17)30749-4

DOI: [10.1016/j.biomaterials.2017.11.020](https://doi.org/10.1016/j.biomaterials.2017.11.020)

Reference: JBMT 18358

To appear in: *Biomaterials*

Received Date: 6 November 2017

Accepted Date: 17 November 2017

Please cite this article as: Dang W, Li T, Li B, Ma H, Zhai D, Wang X, Chang J, Xiao Y, Wang J, Wu C, A bifunctional scaffold with CuFeSe₂ nanocrystals for tumor therapy and bone reconstruction, *Biomaterials* (2018), doi: 10.1016/j.biomaterials.2017.11.020.

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.



A bifunctional scaffold with CuFeSe₂ nanocrystals for tumor therapy and bone reconstruction

Wentao Dang ^{a,b}, Tao Li ^c, Bo Li ^a, Hongshi Ma ^{a,b}, Dong Zhai ^a, Xiaocheng Wang ^{a,b}, Jiang Chang ^a, Yin Xiao ^d, Jinwu Wang ^{c*}, Chengtie Wu ^{a*}

a. State Key Laboratory of High Performance Ceramics and Superfine Microstructure, Shanghai Institute of Ceramics, Chinese Academy of Sciences, Shanghai 200050, People's Republic of China.

b. University of Chinese academy of Sciences, Beijing, People's Republic of China

c. Shanghai Key Laboratory of Orthopaedic Implant, Department of Orthopaedic Surgery, Shanghai Ninth People's Hospital Affiliated Shanghai Jiao Tong University School of Medicine, Shanghai 200011, People's Republic of China.

d. Institute of Health and Biomedical Innovation, Queensland University of Technology, Brisbane, Queensland, 4059, Australia.

* Corresponding author:

E-mail: chengtiewu@mail.sic.ac.cn (C. Wu), wangjw@sjtu.edu.cn (J. Wang),

W.D and T.L. are co-first authors.

Download English Version:

<https://daneshyari.com/en/article/6484658>

Download Persian Version:

<https://daneshyari.com/article/6484658>

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