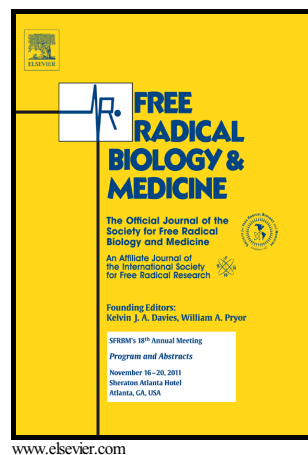


Author's Accepted Manuscript

Selenium nanoparticles are more efficient than sodium selenite in producing reactive oxygen species and hyper-accumulation of selenium nanoparticles in cancer cells generates potent therapeutic effects

Guangshan Zhao, Ximing Wu, Pingping Chen, Lingyun Zhang, Chung S. Yang, Jinsong Zhang



PII: S0891-5849(18)30939-0
DOI: <https://doi.org/10.1016/j.freeradbiomed.2018.07.017>
Reference: FRB13856

To appear in: *Free Radical Biology and Medicine*

Received date: 29 May 2018
Revised date: 21 July 2018
Accepted date: 23 July 2018

Cite this article as: Guangshan Zhao, Ximing Wu, Pingping Chen, Lingyun Zhang, Chung S. Yang and Jinsong Zhang, Selenium nanoparticles are more efficient than sodium selenite in producing reactive oxygen species and hyper-accumulation of selenium nanoparticles in cancer cells generates potent therapeutic effects, *Free Radical Biology and Medicine*, <https://doi.org/10.1016/j.freeradbiomed.2018.07.017>

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 galley proof before it is published in its final citable 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.

Selenium nanoparticles are more efficient than sodium selenite in producing reactive oxygen species and hyper-accumulation of selenium nanoparticles in cancer cells generates potent therapeutic effects

Guangshan Zhao^{a1}, Ximing Wu^{a,1}, Pingping Chen^a, Lingyun Zhang^a, Chung S. Yang^b and Jinsong Zhang^{a,*}

^aLaboratory of Redox Biology, School of Tea & Food Science, State Key Laboratory of Tea Plant Biology and Utilization, Anhui Agricultural University, Hefei, Anhui, China

^bDepartment of Chemical Biology, Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, Piscataway, NJ, USA

* Corresponding author. Tel: +86 551 6578 6283; Fax: +86 551 6578 6765; E-mail: zjs@ahau.edu.cn

¹ contributed equally

Download English Version:

<https://daneshyari.com/en/article/8264909>

Download Persian Version:

<https://daneshyari.com/article/8264909>

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