

Accepted Manuscript

Loading of doxorubicin and thymoquinone with F2 gel nanofibers improves the antitumor activity and ameliorates doxorubicin-associated nephrotoxicity

Nahla E. El-Ashmawy, Eman G. Khedr, El-Zeiny M. Ebeid, Mohamed L. Salem, Esraa M. Mosalam, Abdel-Aziz A. Zidan



PII: S0024-3205(18)30349-7
DOI: doi:[10.1016/j.lfs.2018.06.008](https://doi.org/10.1016/j.lfs.2018.06.008)
Reference: LFS 15759

To appear in: *Life Sciences*

Received date: 19 April 2018

Accepted date: 5 June 2018

Please cite this article as: Nahla E. El-Ashmawy, Eman G. Khedr, El-Zeiny M. Ebeid, Mohamed L. Salem, Esraa M. Mosalam, Abdel-Aziz A. Zidan , Loading of doxorubicin and thymoquinone with F2 gel nanofibers improves the antitumor activity and ameliorates doxorubicin-associated nephrotoxicity. *Lfs* (2017), doi:[10.1016/j.lfs.2018.06.008](https://doi.org/10.1016/j.lfs.2018.06.008)

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.

Loading of doxorubicin and thymoquinone with F2 gel nanofibers improves the antitumor activity and ameliorates doxorubicin-associated nephrotoxicity

Nahla E. El-Ashmawy ^a, Eman G. Khedr ^a, El-Zeiny M. Ebeid ^b, Mohamed L.

Salem ^c, Esraa M. Mosalam ^d, Abdel-Aziz A. Zidan ^{e, *}

^a Biochemistry Department, Faculty of Pharmacy, Tanta University, Egypt

^b Physical Chemistry Department, Faculty of Science, Tanta University, Egypt

^c Immunology and Biotechnology Unit, Zoology Department, Faculty of Science
Tanta University, Egypt

^d Biochemistry Department, Faculty of Pharmacy, Menoufia University, Egypt

^e Zoology Department, Faculty of Science, Damanhour University, Egypt

Corrospoding Author:

* Corresponding to: Abdel-Aziz A. Zidan; Zoology Department, Faculty of
Science, Damanhour University, Egypt

Phone: +201202435243

Email: A.zidan@sci.dmu.edu.eg

Download English Version:

<https://daneshyari.com/en/article/8534803>

Download Persian Version:

<https://daneshyari.com/article/8534803>

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