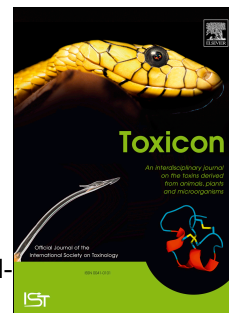


Accepted Manuscript

Protective capabilities of silymarin and inulin nanoparticles against hepatic oxidative stress, genotoxicity and cytotoxicity of Deoxynivalenol in rats

Mosaad A. Abdel-Wahhab, Aziza A. El-Nekeety, Asmaa S. Salman, Sekena H. Abdel-Aziem, Fathy M. Mehaya, Nabila S. Hassan



PII: S0041-0101(17)30405-1

DOI: [10.1016/j.toxicon.2017.12.045](https://doi.org/10.1016/j.toxicon.2017.12.045)

Reference: TOXCON 5779

To appear in: *Toxicon*

Received Date: 15 July 2017

Revised Date: 12 December 2017

Accepted Date: 13 December 2017

Please cite this article as: Abdel-Wahhab, M.A., El-Nekeety, A.A., Salman, A.S., Abdel-Aziem, S.H., Mehaya, F.M., Hassan, N.S., Protective capabilities of silymarin and inulin nanoparticles against hepatic oxidative stress, genotoxicity and cytotoxicity of Deoxynivalenol in rats, *Toxicon* (2018), doi: 10.1016/j.toxicon.2017.12.045.

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.

**Protective capabilities of silymarin and inulin nanoparticles against
hepatic oxidative stress, genotoxicity and cytotoxicity of Deoxynivalenol in
rats**

Mosaad A. Abdel-Wahhab^{1**}

Aziza A. El-Nekeety¹,

Asmaa S. Salman²,

Sekena H. Abdel-Aziem³,

Fathy M. Mehaya⁴,

Nabila S. Hassan⁵,

¹Food Toxicology and Contaminants Department, National Research Center, Dokki, Cairo,
Egypt

²Genetic and Cytology Department, National Research Center, Dokki, Cairo, Egypt

³Cell Biology Department, National Research Center, Dokki, Cairo, Egypt

⁴Food Technology Department, National Research Center, Dokki, Cairo, Egypt

⁵Pathology Department, National Research Center, Dokki, Cairo, Egypt

^{**}Corresponding authors: Author to whom correspondence should be addressed;
mosaad_abdelwahhab@yahoo.com (MAA), Tel.: +2 2283 1943; fax: +2 3337 0931

Download English Version:

<https://daneshyari.com/en/article/8394775>

Download Persian Version:

<https://daneshyari.com/article/8394775>

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