## **Accepted Manuscript**

Protective effects of *Balanites aegyptiaca* extract, melatonin and ursodeoxycholic acid against hepatotoxicity induced by methotrexate in male rats

Ayat OS. Montasser, Hanan Saleh, Omar A. Ahmed-Farid, Aida Saad, Mohamed-Assem S. Marie

PII: \$1995-7645(17)30263-8

DOI: 10.1016/j.apjtm.2017.06.003

Reference: APJTM 461

To appear in: Asian Pacific Journal of Tropical Medicine

Received Date: 22 February 2017

Revised Date: 21 March 2017

Accepted Date: 15 May 2017

Please cite this article as: Montasser AO, Saleh H, Ahmed-Farid OA, Saad A, Marie M-AS, Protective effects of *Balanites aegyptiaca* extract, melatonin and ursodeoxycholic acid against hepatotoxicity induced by methotrexate in male rats, *Asian Pacific Journal of Tropical Medicine* (2017), doi: 10.1016/j.apjtm.2017.06.003.

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.



## ACCEPTED MANUSCRIPT

Title:	1
Protective effects of Balanites aegyptiaca extract, melatonin and ursodeoxycholic	2
acid against hepatotoxicity induced by methotrexate in male rats	3
	4
Authors:	5
Ayat OS Montasser <sup>1*</sup> , Hanan Saleh <sup>2</sup> , Omar A. Ahmed-Farid <sup>1</sup> , Aida Saad <sup>1</sup> , Mohamed-Assem S. Marie <sup>2</sup>	6 7
	8
Affiliations:	9
<sup>1</sup> National Organization for Drug Control And Research, Giza 12553, Egypt	10
<sup>2</sup> Faculty of Science, Department of Zoology, Cairo University, Giza 12631, Egypt	11
	12
First and corresponding author: Ayat OS Montasser, National Organization for	13
Drug Control and Research, Giza 12553, Egypt.	14
E-mail: ayat_montasser@yahoo.com	15
Keywords:	16 17
Methotrexate	18
Hepatotoxicity	19
Melatonin	20
Balanites aegyptiaca	21
Ursodeoxycholic acid	22
	23
Article history:	24
Received 22 February 2017	25
Received in revised form 21 March 2017	26

## Download English Version:

## https://daneshyari.com/en/article/8754162

Download Persian Version:

https://daneshyari.com/article/8754162

<u>Daneshyari.com</u>