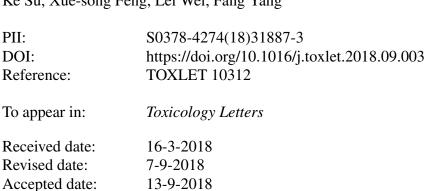
### Accepted Manuscript

Title: Betulinic acid protects mice from cadmium chloride-induced toxicity by inhibiting cadmium-induced apoptosis in kidney and liver

Authors: Rong Fan, Peng-chao Hu, Ying Wang, Hong-yi Lin, Ke Su, Xue-song Feng, Lei Wei, Fang Yang



Please cite this article as: Fan R, Hu P-chao, Wang Y, Lin H-yi, Su K, Feng X-song, Wei L, Yang F, Betulinic acid protects mice from cadmium chloride-induced toxicity by inhibiting cadmium-induced apoptosis in kidney and liver, *Toxicology Letters* (2018), https://doi.org/10.1016/j.toxlet.2018.09.003

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

#### Betulinic acid protects mice from cadmium chloride-induced toxicity by

#### inhibiting cadmium-induced apoptosis in kidney and liver

Rong Fan<sup>b</sup>, Peng-chao Hu<sup>c</sup>, Ying Wang<sup>c</sup>, Hong-yi Lin<sup>b</sup>, Ke Su<sup>d</sup>, Xue-song Feng<sup>e</sup>, Lei

Wei<sup>c</sup>, Fang Yang<sup>a\*</sup>

<sup>a</sup> State Key Laboratory of Hybrid Rice, College of Life Sciences, Wuhan University,

Wuhan 430072, PR China

<sup>b</sup> Department of Physiology, School of Medicine, Wuhan University, Wuhan 430071,

PR China

<sup>c</sup> Department of Pathophysiology, School of Medicine, Wuhan University, Wuhan

430071, PR China

<sup>d</sup> Department of Nephrology, Renmin Hospital of Wuhan University, Wuhan,

430060, China

<sup>e</sup> College of Chemistry and Molecular Sciences, Wuhan University, Wuhan 430072,

PR China

ms. has 41 pages, 10 figures,0 table

\* Corresponding author

E-mail addresses: fang-yang@whu.edu.cn (Fang Yang).

State Key Laboratory of Hybrid Rice, College of Life Sciences, Wuhan University,

Wuhan 430072, PR China

Download English Version:

# https://daneshyari.com/en/article/10158623

Download Persian Version:

https://daneshyari.com/article/10158623

Daneshyari.com