Accepted Manuscript

Anthocyanins isolated from blueberry ameliorates CCl₄ induced liver fibrosis by modulation of oxidative stress, inflammation and stellate cell activation in mice

Jianchao Sun, Yafeng Wu, Cuizhen Long, Ping He, Junying Gu, Lei Yang, Yaodong Liang, Yuping Wang

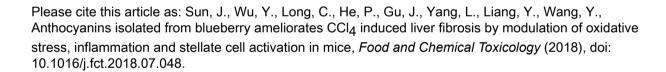
PII: S0278-6915(18)30493-9

DOI: 10.1016/j.fct.2018.07.048

Reference: FCT 9933

To appear in: Food and Chemical Toxicology

Received Date: 11 May 2018 Revised Date: 15 July 2018 Accepted Date: 26 July 2018



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.



Anthocyanins isolated from blueberry ameliorates CCl₄ induced liver

fibrosis by modulation of oxidative stress, inflammation and stellate cell

activation in mice

Jianchao Sun^{a b}, Yafeng Wu^a, Cuizhen Long^a, Ping He^a, Junying Gu^a, Lei Yang^a,

Yaodong Liang^c, Yuping Wang^a*

* Corresponding author.

^a Department of Clinical Microbiology and Immunology, The affiliated Hospital of Guizhou

Medical University, Department of Clinical Microbiology and Immunology, Guizhou

Medical University, Guiyang, Guizhou Province, China, 550004

^b Guizhou Provincial Center for Clinical Laboratory, No.83 Zhongshandong Road, Guiyang,

Guizhou Province

^c Public Health Treatment Center of Guiyang, No.6 Daying Road, Guiyang, Guizhou

Province.

The authors declare that there is no conflict of interest regarding the publication of this

manuscript.

Keyword: hepatic fibrosis; Anthocyanins; Col-□; α-SMA; PCNA; MMP-9

Download English Version:

https://daneshyari.com/en/article/8546562

Download Persian Version:

https://daneshyari.com/article/8546562

<u>Daneshyari.com</u>