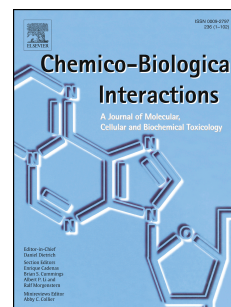


# Accepted Manuscript

*In vitro* and *in vivo* metabolic activation of rhein and characterization of glutathione conjugates derived from rhein

Yang Xu, Xu Mao, Boyang Qin, Ying Peng, Jiang Zheng



PII: S0009-2797(17)30919-5

DOI: [10.1016/j.cbi.2018.01.001](https://doi.org/10.1016/j.cbi.2018.01.001)

Reference: CBI 8189

To appear in: *Chemico-Biological Interactions*

Received Date: 28 August 2017

Revised Date: 18 December 2017

Accepted Date: 5 January 2018

Please cite this article as: Y. Xu, X. Mao, B. Qin, Y. Peng, J. Zheng, *In vitro* and *in vivo* metabolic activation of rhein and characterization of glutathione conjugates derived from rhein, *Chemico-Biological Interactions* (2018), doi: 10.1016/j.cbi.2018.01.001.

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.

**In Vitro and in Vivo Metabolic Activation of Rhein and  
Characterization of Glutathione Conjugates Derived from Rhein**

Yang Xu,<sup>†#</sup> Xu Mao,<sup>†#</sup> Boyang Qin,<sup>†</sup> Ying Peng,<sup>†\*</sup> and Jiang Zheng<sup>†‡\*</sup>

<sup>†</sup>Wuya College of Innovation, Shenyang Pharmaceutical University, Shenyang,

Liaoning 110016, P. R. China School of Pharmacy, <sup>‡</sup>State Key Laboratory of

Functions and Applications of Medicinal Plants, Key Laboratory of Pharmaceutics of

Guizhou Province and Guizhou Medical University, Guiyang, Guizhou 550004, P. R.

China

#: Y.X. and X.M. contributed equally to this work.

<sup>†</sup> <sup>‡</sup>: The two corresponding units contributed equally to this work.

Download English Version:

<https://daneshyari.com/en/article/8545002>

Download Persian Version:

<https://daneshyari.com/article/8545002>

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