

Accepted Manuscript

Title: Metabolic analysis of *Panax notoginseng* saponins with gut microbiota-mediated biotransformation by HPLC-DAD-Q-TOF-MS/MS

Authors: Man-Yun Chen, Li Shao, Wei Zhang, Chong-Zhi Wang, Hong-Hao Zhou, Wei-Hua Huang, Chun-Su Yuan



PII: S0731-7085(17)32667-5
DOI: <https://doi.org/10.1016/j.jpba.2017.12.011>
Reference: PBA 11664

To appear in: *Journal of Pharmaceutical and Biomedical Analysis*

Received date: 24-10-2017
Revised date: 6-12-2017
Accepted date: 6-12-2017

Please cite this article as: Man-Yun Chen, Li Shao, Wei Zhang, Chong-Zhi Wang, Hong-Hao Zhou, Wei-Hua Huang, Chun-Su Yuan, Metabolic analysis of *Panax notoginseng* saponins with gut microbiota-mediated biotransformation by HPLC-DAD-Q-TOF-MS/MS, *Journal of Pharmaceutical and Biomedical Analysis* <https://doi.org/10.1016/j.jpba.2017.12.011>

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.

Metabolic analysis of *Panax notoginseng* saponins with gut microbiota-mediated biotransformation by HPLC-DAD-Q-TOF-MS/MS

Man-Yun Chen^{a,b}, Li Shao^c, Wei Zhang^{a,b}, Chong-Zhi Wang^d, Hong-Hao Zhou^{a,b}, Wei-Hua Huang^{a,b,d*}, and Chun-Su Yuan^d

^aDepartment of Clinical Pharmacology, Xiangya Hospital, Central South University, Changsha 410008, China

^bInstitute of Clinical Pharmacology, Hunan Key Laboratory of Pharmacogenetics, Central South University, Changsha 410078, China

^cDepartment of Pharmacognosy, School of Pharmacy, Hunan University of Chinese Medicine, Changsha, Hunan 410128, China

^dTang Center for Herbal Medicine Research, The Pritzker School of Medicine, University of Chicago, 5841 South Maryland Avenue, MC 4028, Chicago, IL 60637, USA

*Corresponding author. Tel.: +86-731-8480 5380; fax: +86-731-8235 4476; E-mail: endeavor34852@aliyun.com

Download English Version:

<https://daneshyari.com/en/article/7627652>

Download Persian Version:

<https://daneshyari.com/article/7627652>

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