

Ethyl acetate extract from *Panax ginseng* C.A. Meyer and its main constituents inhibit α -melanocyte-stimulating hormone-induced melanogenesis by suppressing oxidative stress in B16 mouse melanoma cells

Rui Jiang, Xiao-Hao Xu, Ke Wang, Xin-Zhao Yang, Ying-Fei Bi, Yao Yan, Jian-Zeng Liu, Xue-Nan Chen, Zhen-Zhong Wang, Xiao-Li Guo, Da-Qing Zhao, Li-Wei Sun



PII: S0378-8741(17)30514-7
DOI: <http://dx.doi.org/10.1016/j.jep.2017.07.004>
Reference: JEP10933

To appear in: *Journal of Ethnopharmacology*

Received date: 8 February 2017
Revised date: 16 June 2017
Accepted date: 2 July 2017

Cite this article as: Rui Jiang, Xiao-Hao Xu, Ke Wang, Xin-Zhao Yang, Ying-Fei Bi, Yao Yan, Jian-Zeng Liu, Xue-Nan Chen, Zhen-Zhong Wang, Xiao-Li Guo, Da-Qing Zhao and Li-Wei Sun, Ethyl acetate extract from *Panax ginseng* C.A. Meyer and its main constituents inhibit α -melanocyte-stimulating hormone induced melanogenesis by suppressing oxidative stress in B16 mouse melanoma cells, *Journal of Ethnopharmacology*, <http://dx.doi.org/10.1016/j.jep.2017.07.004>

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 galley proof before it is published in its final citable 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.

**Ethyl acetate extract from *Panax ginseng* C.A. Meyer and its main constituents
inhibit α -melanocyte-stimulating hormone-induced melanogenesis by
suppressing oxidative stress in B16 mouse melanoma cells**

Rui Jiang^a, Xiao-Hao Xu^a, Ke Wang^a, Xin-Zhao Yang^a, Ying-Fei Bi^a, Yao Yan^a,
Jian-Zeng Liu^c, Xue-Nan Chen^c, Zhen-Zhong Wang^b, Xiao-Li Guo^b, Da-Qing Zhao^c
and Li-Wei Sun^{a,*}

^a Jilin Technology Innovation Center for Chinese Medicine Biotechnology; College of
Biology and Chemistry, Beihua University, Jilin City, Jilin Province 132013, China

^b Kanion Group CO. LTD., Lianyungang, Jiangsu Province 222000, China

^c Changchun University of Chinese Medicine, Changchun, Jilin Province 130000,
China

* Corresponding author at: College of Biological and Chemical, Beihua University,
NO.15, Jilin Rd, Jilin city, Jilin Province 132013, China. Tel: +86-432-64602992. Fax:
+86-432-64602992.

Email addresses: sunnyslilwei@163.com.

Download English Version:

<https://daneshyari.com/en/article/5556020>

Download Persian Version:

<https://daneshyari.com/article/5556020>

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