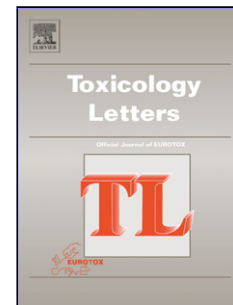


## Accepted Manuscript

Title: Paeoniflorin reduces neomycin-induced ototoxicity in hair cells by suppression of reactive oxygen species generation and extracellularly regulated kinase signalization

Authors: Xiaoyu Yu, Zhaomin Fan, Yuechen Han, Daogong Zhang, Lei Xu, Mingming Wang, Qianqian Yang, Hongrui Li, Meijuan Zhou, Lili Zhang, Gaoying Sun, Xiaohui Bai, Jianfeng Li, Haibo Wang



PII: S0378-4274(17)31536-9  
DOI: <https://doi.org/10.1016/j.toxlet.2017.12.026>  
Reference: TOXLET 10058

To appear in: *Toxicology Letters*

Received date: 3-9-2017  
Revised date: 11-12-2017  
Accepted date: 27-12-2017

Please cite this article as: Yu, Xiaoyu, Fan, Zhaomin, Han, Yuechen, Zhang, Daogong, Xu, Lei, Wang, Mingming, Yang, Qianqian, Li, Hongrui, Zhou, Meijuan, Zhang, Lili, Sun, Gaoying, Bai, Xiaohui, Li, Jianfeng, Wang, Haibo, Paeoniflorin reduces neomycin-induced ototoxicity in hair cells by suppression of reactive oxygen species generation and extracellularly regulated kinase signalization. *Toxicology Letters* <https://doi.org/10.1016/j.toxlet.2017.12.026>

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.

**Paeoniflorin reduces neomycin-induced ototoxicity in hair cells by suppression of reactive oxygen species generation and extracellularly regulated kinase signalization**

Xiaoyu Yu<sup>a,b,c</sup>, Zhaomin Fan<sup>a,b,c</sup>, Yuechen Han<sup>a</sup>, Daogong Zhang<sup>a</sup>, Lei Xu<sup>a</sup>, Mingming Wang<sup>a</sup>, Qianqian Yang<sup>b,c</sup>, Hongrui Li<sup>b,c</sup>, Meijuan Zhou<sup>b,c</sup>, Lili Zhang<sup>b,c</sup>, Gaoying Sun<sup>b,c</sup>, Xiaohui Bai<sup>b,c</sup>, Jianfeng Li<sup>b,c\*</sup> and Haibo Wang<sup>a,b,c\*</sup>

<sup>a</sup> Otolaryngology-Head and Neck Surgery, Shandong Provincial Hospital Affiliated to Shandong University, Jinan, China

<sup>b</sup> Shandong Provincial Key Laboratory of Otology, Jinan, China

<sup>c</sup> Shandong Institute of Otolaryngology, Jinan, China

**\*Corresponding authors:**

Jianfeng Li, Ph.D., Otolaryngology-Head and Neck Surgery, Shandong Provincial Hospital Affiliated to Shandong University, Jinan, China. Tel: +86-531-68777583.

E-mail: lijianfeng@hotmail.com.

And

Haibo Wang, M.D., Otolaryngology-Head and Neck Surgery, Shandong Provincial Hospital Affiliated to Shandong University, Jinan, China. Tel: +86-531-68777583.

E-mail: whboto11@163.com.

Download English Version:

<https://daneshyari.com/en/article/8553420>

Download Persian Version:

<https://daneshyari.com/article/8553420>

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