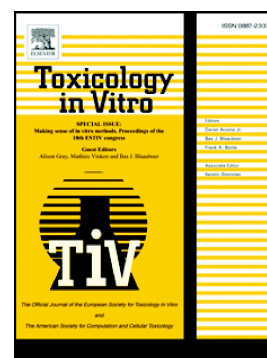


## Accepted Manuscript

Treatment of cigarette smoke extract and condensate differentially potentiates palmitic acid-induced lipotoxicity and steatohepatitis in vitro

Zixiong Zhou, Jong Won Kim, Jing Zhao, Jing Qi, Seong Jin Choi, Chae Woong Lim, Moo-Yeol Lee, Kyuhong Lee, Bumseok Kim



PII: S0887-2333(18)30225-X  
DOI: doi:[10.1016/j.tiv.2018.05.017](https://doi.org/10.1016/j.tiv.2018.05.017)  
Reference: TIV 4294

To appear in: *Toxicology in Vitro*

Received date: 18 January 2018  
Revised date: 31 May 2018  
Accepted date: 31 May 2018

Please cite this article as: Zixiong Zhou, Jong Won Kim, Jing Zhao, Jing Qi, Seong Jin Choi, Chae Woong Lim, Moo-Yeol Lee, Kyuhong Lee, Bumseok Kim , Treatment of cigarette smoke extract and condensate differentially potentiates palmitic acid-induced lipotoxicity and steatohepatitis in vitro. *Tiv* (2017), doi:[10.1016/j.tiv.2018.05.017](https://doi.org/10.1016/j.tiv.2018.05.017)

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.

**Treatment of cigarette smoke extract and condensate differentially  
potentiates palmitic acid-induced lipotoxicity and steatohepatitis *in vitro***

**Zixiong Zhou<sup>a</sup>, Jong Won Kim<sup>a</sup>, Jing Zhao<sup>a</sup>, Jing Qi<sup>a</sup>, Seong Jin Choi<sup>b</sup>, Chae Woong Lim<sup>a</sup>,  
Moo-Yeol Lee<sup>c</sup>, Kyuhong Lee<sup>b</sup> and Bumseok Kim<sup>a,\*</sup>**

<sup>a</sup>*Biosafety Research Institute and Laboratory of Pathology (BK21 Plus Program), College of Veterinary Medicine, Chonbuk National University, Iksan, Jeollabuk-do 54596, Republic of Korea*

<sup>b</sup>*Inhalation Toxicology Center, Jeonbuk Department of Inhalation Research, Korea Institute of Toxicology, Jeongeup, Jeollabuk-do 53212, Republic of Korea*

<sup>c</sup>*College of Pharmacy, Dongguk University, Goyang, Gyeonggi-do, Republic of Korea*

**\*Corresponding author (Bumseok Kim):** Address: College of veterinary medicine, Chonbuk national university, 79 Gobong-ro, Iksan-si, Jeollabuk-do 570-752, and Republic of Korea. Tel: +82 063 850 0953; Fax: +82 063 850 0980. Email-address: bskims@jbnu.ac.kr

Download English Version:

<https://daneshyari.com/en/article/8553717>

Download Persian Version:

<https://daneshyari.com/article/8553717>

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