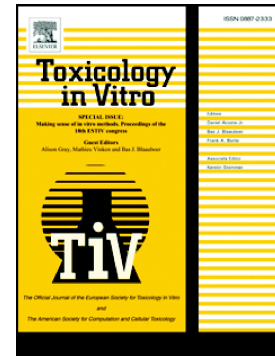


## Accepted Manuscript

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Cigarette smoke condensate may disturb immune function with apoptotic cell death by impairing function of organelles in alveolar macrophages

Eun-Jung Park<sup>1,1,\*</sup> pejtoxic@khu.ac.kr, Hong-Soo Lee<sup>2,1</sup>, Sang Jin Lee<sup>2</sup>, Yoo-Jin Park<sup>1</sup>, Son-Il Park<sup>3</sup>,  
Jaerak Chang<sup>4,5</sup>, Kyuhong Lee<sup>2,6,\*</sup> khleekit@gmail.com

<sup>1</sup>Graduate School of East-West Medical Science, Kyung Hee University, Yongin, 17104, Republic of Korea

<sup>2</sup>Department of Inhalation Research, Korea Institute of Toxicology, Jeongeup, Jeollabuk-do, Republic of Korea

<sup>3</sup>College of Veterinary Medicine and Institute of Veterinary Science, Kangwon National University, Chuncheon, Gangwon-do, Korea

<sup>4</sup>Department of Brain Science, Ajou University School of Medicine, Suwon, 16499, Republic of Korea

<sup>5</sup>Graduate School of Biomedical Sciences, Ajou University School of Medicine, Suwon, 16499, Republic of Korea

<sup>6</sup> National Center for Efficacy Evaluation for Respiratory Disease, Jeonbuk Department of Inhalation Research, Korea Institute of Toxicology, Jeongeup, Jellobuk-do, Republic of Korea.

\*Corresponding author.

## ABSTRACT

Considering that cigarette smoke condensate (CSC) is primarily absorbed through the alveoli in the lungs, herein, we used a mouse alveolar macrophage cell line (MH-S cells). After 24 h exposure, CSC decreased dose-dependently cell viability accompanying an increase in intracellular ROS and NO level. CSC structurally or functionally damaged organelles including mitochondria, ER and lysosome and enhanced the expression of proteins related to

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<sup>1</sup> These authors contributed equally to this work as first author.

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