

Accepted Manuscript

Oxidative stress responses in human bronchial epithelial cells exposed to cigarette smoke and vapor from tobacco- and nicotine-containing products

Satoru Munakata, Kanae Ishimori, Nobumasa Kitamura, Shinkichi Ishikawa, Yuichiro Takanami, Shigeaki Ito



PII: S0273-2300(18)30231-9

DOI: [10.1016/j.yrtph.2018.09.009](https://doi.org/10.1016/j.yrtph.2018.09.009)

Reference: YRTPH 4210

To appear in: *Regulatory Toxicology and Pharmacology*

Received Date: 15 May 2018

Revised Date: 13 August 2018

Accepted Date: 12 September 2018

Please cite this article as: Munakata, S., Ishimori, K., Kitamura, N., Ishikawa, S., Takanami, Y., Ito, S., Oxidative stress responses in human bronchial epithelial cells exposed to cigarette smoke and vapor from tobacco- and nicotine-containing products, *Regulatory Toxicology and Pharmacology* (2018), doi: <https://doi.org/10.1016/j.yrtph.2018.09.009>.

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.

1 **Oxidative stress responses in human bronchial epithelial cells exposed to cigarette**

2 **smoke and vapor from tobacco- and nicotine-containing products**

3 Satoru Munakata, Kanae Ishimori, Nobumasa Kitamura, Shinkichi Ishikawa, Yuichiro

4 Takanami, Shigeaki Ito*

5 Scientific Product Assessment Center, R&D Group, Japan Tobacco Inc., 6-2 Umegaoka, Aoba-ku, Yokohama, Kanagawa 227-8512,

6 Japan

7 **Author telephone numbers and email addresses:**

8 Satoru Munakata: Telephone: +81-45-345-5223; Email: satoru.munakata@jt.com

9 Kanae Ishimori: Telephone: +81-45-345-5139; Email: kanae.ishimori@jt.com

10 Nobumasa Kitamura: Telephone: +81-34-345-5218; Email: nobumasa.kitamura@jt.com

11 Shinkichi Ishikawa: Telephone: +81-45-345-5303; Email: shinkichi.ishikawa@jt.com

12 Yuichiro Takanami: Telephone: +81-45-345-5209; Email: yuichiro.takanami@jt.com

13 *Shigeaki Ito: Telephone: +81-45-345-5304; Email: shigeaki.ito@jt.com

14 *To whom correspondence should be addressed. Shigeaki Ito; Scientific Product Assessment Center,

15 Japan Tobacco Inc., 6-2, Umegaoka, Aoba-ku, Yokohama, Kanagawa, 227-8512, Japan. Telephone:

16 81-45-345-5304; fax: +81-45-973-1324; Email: shigeaki.ito@jt.com

17

18

Download English Version:

<https://daneshyari.com/en/article/11031884>

Download Persian Version:

<https://daneshyari.com/article/11031884>

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